



4-H Division

4-H is a voluntary, educational program designed to meet the needs and interests of boys and girls. The 4-H Youth Development program abides with the non-discrimination policies of the University of Nebraska-Lincoln and the United States Department of Agriculture. The 4-H program is the major youth program of Extension. 4-H is primarily supported by Federal (USDA), State (University of Nebraska-Lincoln) and County Tax funds. In addition, the program is supported locally by private funds held by the Red Willow County 4-H Council.

Red Willow County Extension Personnel:

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The Red Willow County 4-H Council is made up of adults and youth from Red Willow County. Officers and members of the 4-H Council are:

Sadi Halloran, Chairman
Teresa Hodgson, Vice Chairman
Shariel Thieszen, Secretary/Treasurer
Amanda Adams
Jenna Bobinmyer
Mitchell Johnson

Emily Kircher
Cassie Spencer
Addyson Uerling
Cadde Beeby, Youth Representative
Nathan Rippe, Youth Representative

General Superintendent: Donna Kircher

Department Superintendents have the authority to make decisions within their respective Department in accordance with rules and regulations set forth in the 4-H Premium book.

Livestock/Animal Superintendents

Beef – Larry Shields & Dr. Jamie Kotschwar
Sheep/Goats/Swine – Brett Neel & Tyler Neel
Poultry/Rabbits – Sheri Sughroue
Horse – Jo Teter
Dog – Cassiddy Beeby

4-H Building

Consumer & Family Science/Home Design & Restoration
Kristin Blume
Clothing – Shariel Thieszen
Foods – Theresa Tiller
Horticulture – Jennifer Myers
Ag, Science & Technology – Amanda Adams
Photography – Penny Minary

General 4-H Rules

Many changes are made each year to the 4-H Premium Book so please read thoroughly and carefully.

****ENTRIES WILL BE LOWERED ONE RIBBON PLACING FOR ANY RULES VIOLATION UNLESS OTHERWISE STATED.**

ELIGIBILITY REQUIREMENTS FOR 4-H EXHIBITORS

Only those youth enrolled in 4-H in Red Willow County are eligible to exhibit in county fair 4-H. To participate, youth must have been enrolled by June 15 of the current year and in the project area they are exhibiting in. Enrollment must be done annually.

Awards will be provided for the following age divisions unless otherwise stated:

Division 1, Senior – Age 14 years & older	Division 3, Junior – Age 10-11 years
Division 2, Intermediate – Age 12-13 years	Division 4, Novice – Age 8-9 years

What Does Enrollment Mean: Youth are enrolled in the Red Willow County 4-H program when they have completed the enrollment process at v2.4honline.com and designated their 4-H County or 2nd 4-H County as Red Willow by June 15. Nebraska Extension will recognize 4-H members and volunteer leaders of the county in which they are enrolled in 4-H irrespective of their place of residence. A member cannot exhibit in the same 4-H project area in more than one county or state in the same year. Example: beef (bucket calf, feeder calf, market beef and breeding beef are among those listed with the beef project area), clothing, horse, foods, etc. Regulations not covered in the County Fair 4-H rules will be governed according to State Fair 4-H Rules.

ALL EXHIBIT ENTRIES FOR COUNTY FAIR

It is required that all exhibit entries for the Red Willow County Fair be pre-entered by 4-H families through an online process. 4-Her's will complete the online process using the 4-H Premium Book listing all exhibits they anticipate bringing to County Fair. If you are unsure of whether you will bring an exhibit, pre-enter it regardless. You must be enrolled in a project in order to enter an exhibit in that project area at the Red Willow County Fair. Instructions and deadlines will be communicated.

All exhibits must be made during the current club year. Exhibits may only be entered in classes listed in the 4-H Premium Book. Only one entry per class, per exhibitor may be made unless otherwise indicated under each department and division. Exhibits must be entered into the County Fair for judging according to the 4-H Fair Schedule. The Red Willow County 4-H Council, the Red Willow County Fair Board, Nebraska Extension, and the State Fair Board are not responsible for lost, damaged, or broken exhibits.

Livestock Exhibits

Ear tag numbers and tattoos must be included when entering online.

On entry day, as you check-in your animals, you will pick up stall cards for your livestock and inform staff of any exhibits you will not be showing.

Horticulture Exhibits

The cultivar and variety names for every entry must be included on the entry tag. Failure to identify the cultivar and variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor.

Entry Tags

When entering static exhibits for judging on entry day(s), entry tags will be printed for all exhibits entered into Showworks by 4-H families. 4-H families must complete an entry tag by hand for any exhibit that they did not enter online.

DRESS CODE

- All exhibitors are required to wear the current Red Willow County 4-H t-shirt and long, dark blue jeans whenever a person or project is being judged or while participating in a contest.
- Shooting Sports exhibitors, in addition to the dress code, are required to wear close toed shoes and safety glasses or protective eye wear. Caps or sun visors are also allowed to be worn during outdoor shooting sports events.
- Bicycle exhibitors, in addition to the dress code, are required to wear a safety helmet and close-toed shoes with non-slip soles.
- Livestock exhibitors showing beef, goat, sheep, swine, poultry, and rabbit, in addition to the dress code, are required to wear hard soled shoes or boots.
- Dairy exhibitors may wear long, dark blue jeans or white pants and must wear hard-solved shoes or boots in addition to the 4-H t-shirt.
- Hats, caps or any other type of headgear are only allowed to be worn by outdoor shooting sports exhibitors.
- Horse exhibitors have their own dress code. Please see rules inside under Horse on page 104.

All 4-H members not following the dress code during judging or while participating in contests will be dropped one ribbon placing. Exception: When entering/weighing livestock, poultry and rabbits no dress code is required.

JUDGING INTERVIEWS

In non-livestock areas, exhibits will be judged by personal conference interview between the 4-H'er and the judge. The judge will discuss the exhibit with the 4-H'er and may give it a tentative ribbon placing. The judge will later review all articles in the class and assign the final ribbon placing. Exhibits may be moved either higher or lower in ribbon placing based on the judge's final evaluation. All records or placings made by judges shall be final. Finding a ribbon or sticker does not necessarily constitute a placing. Special considerations on judging standards may be given to 4-H'ers with disabilities. Exhibits will be judged according to research-based standards that indicate level of performance or quality of work.

JUDGING AND SKILL CONTESTS

4-H members are eligible to participate in judging, skill and identification contests regardless of project enrollment. While a contest is in progress, a contestant shall not communicate with others, except as directed by the Superintendent in charge of the contest. Participants will be informed of regulations at the beginning of each contest. All 4-H participants are required to wear a 4-H t-shirt with long, dark blue jeans. If participants arrive at the event not wearing the appropriate dress code, they will be given a chance to go change, if time allows. No hats, caps or other types of headgear are to be worn unless specified. Shooting Sports exhibitors are required to wear safety glasses or protective eye wear. Caps or sun visors are allowed to be worn during outdoor shooting sports events. Bicycle exhibitors are required to wear a safety helmet. Please see specific project for further dress code requirements. For State Fair all participants in judging, skill and identification contests must be enrolled in 4-H of the current year and be at least 9 years of age as of January 1 of the current year.

RIBBONS AND PREMIUMS AWARDED

Awards will be divided into groups of merit. Purple (P) ribbons designate an exhibit of superior quality that has met and exceeded all of the standards. Blue (B) ribbons denote an above average exhibit that has met almost all of the standards in a way that surpasses the norm. Red (R) ribbons indicate average quality and indicate that the exhibit has met the majority of standards in such a way that the benchmark was reached, but not exceeded. White (W) ribbons indicate that the exhibit has not met the majority of the standards. All exhibits in a given class will be awarded ribbons based on quality of the exhibit regardless of the number of entries. This does not necessarily mean that each exhibit will receive an award. Exhibits must be of purple quality to be named Champion and to qualify for related special awards. Whenever possible, the judge will determine State Fair selections that are Champions. State Fair selections are not limited to Champions. Static exhibits must receive a purple ribbon to be eligible to advance to State Fair. The number of Red Willow County Fair exhibits eligible to advance to State Fair is based on State Fair classes and quotas. Awards are not available in every Department, Division or Class.

All premium money listed is the maximum premium that may be paid. Should funds not permit, a percentage may be paid. You must complete your Nebraska 4-H Achievement Application to receive ribbon premium money and to complete your 4-H project year. Clover Kid 4-H members will receive ribbon premium money regardless of whether they complete the Clover Kids Record Book.

Premiums:

Purple-Blue-Red-White	Purple-Blue-Red-White
1. \$7.00-\$5.00-\$3.00-\$1.00	7. \$2.00-\$1.25-\$.75-\$.50
2. \$6.00-\$5.00-\$4.00-\$1.00	8. \$1.00
3. \$5.00-\$4.00-\$3.00-\$1.00	9. \$15.00
4. \$4.00-\$3.00-\$2.00-\$1.00	10. \$15.00-\$10.00-\$5.00
5. \$3.00-\$2.00-\$1.00-\$.75	11. \$10.00-\$5.00-\$3.00
6. \$2.50-\$1.50-\$1.00-\$.75	12. \$5.00-\$4.00-\$2.00

PREMIUM SHOWCASE

No livestock will be allowed to leave the fairgrounds following the Premium Showcase. To be eligible to participate in the 4-H premium showcase, each 4-H livestock family and 4-H youth who participated in the premium showcase the prior year with a static exhibit must contact one potential buyer (watch the 4-H Signal newsletter for more information). All families are encouraged to contact a potential buyer. No substitute showmen are allowed unless a catastrophic event happens and then the Extension Office must be notified for prior approval. The livestock are to be groomed for the showcase as they were in the show.

All 4-H members who receive \$600 or more from the Premium Showcase are required to submit a W-9 form to the Extension Office before they receive their check. A Form 1099-MISC will also be issued to each of those people to fulfill the IRS requirements.

A Premium Showcase Appreciation BBQ will be held prior to the Showcase. The 4-H Council encourages all 4-H Premium Showcase participants show their appreciation by helping set up and clean-up the BBQ and Showcase area.

4-H Premium Showcase Sign Up: A signup sheet will be available during fair. It is the 4-H'ers responsibility to make sure he/she is signed up and the project's class and placing are listed. Showmanship classes are not allowed. All projects must be signed up by 5:00 p.m. on the day prior to the showcase. Any late additions will automatically go to the bottom of the order and may not be printed on the program. The program will be posted at the Livestock Office by noon on the day of the Showcase. It is the responsibility of the 4-H'er to check the program and notify the Extension Office of any corrections or changes by 2:00 p.m.

PROHIBITED ITEMS

No firearms, items with a blade (broad heads, knives, saws, etc.) or related items of any other kind may be exhibited. This applies to actual items, replicated items and item parts. Shooting sports accessories are permissible as described in the Conservation, Wildlife and Shooting Sports Exhibits areas of the Premium Book.

USE OF COPYWRITTEN IMAGES

Copyrighted writing, artwork, videos and images may be used in 4-H educational exhibits under Fair Use for educational purposes of Copyright Law. In order to qualify for Fair Use, 4-H'ers must: 1) only use a small amount of the copy-written work, 2) add new meaning to the work to make it original, 3) rework it and use it in a totally different way, and 4) use it for nonprofit purposes (not to make money). Giving credit to the original creator is also recommended.

Premium Showcase: The following projects are eligible to participate in the showcase. Each 4-H'er will only be allowed to enter **ONE** exhibit in the Premium Showcase. Exhibitors, other than livestock, who are eligible to participate, will be contacted by the Extension Office.

- 4-H Market Animals
- 4-H Breeding Animals
- 4-H Stocker Feeder/Bucket Calf
- 4-H Dairy
- 4-H Goats
- 4-H Horses
- Trophy winner - Division I STEAM 3
- Trophy winner - Division I Fashion Show
- Trophy winner - Premier Quilt Quest
- Trophy winner - Division I CFS
- Trophy winner - Division I Cake Decorating
- Trophy winner - Foods 401
- Trophy winner - Level 3 Photography
- Trophy winner - Division I Home Environment
- Trophy winner - Division I Science & Technology
- Trophy winner - Division I Garden
- Trophy winner - Division I Environmental Education & Earth Science
- Trophy winner - Division I Dog Showmanship
- Presentation - Division I individual or team nominated for State Fair
- Overall Best of Show Poultry Barn

Premium Showcase Dress Code: Same for the showcase as it is for exhibiting the animal or project.

STATE FAIR

All exhibitors age 8 and over are eligible to participate in the Nebraska State Fair. 4-H'ers do not have to qualify in order to enter the following project areas at State Fair: beef, sheep, swine, goats, poultry, rabbits, dogs, and companion animals. It is the 4-H member's responsibility to enter into these classes online. Static exhibits must receive a purple ribbon at county fair to be eligible to advance to State Fair. Those choses to advance will be marked with a purple State Fair sticker. Transportation and entry of Red Willow County exhibits to the State Fair will be provided by the Extension Office staff and/or volunteers if possible. If State Fair eligible exhibits from Red Willow County are too large to fit in the mode of transportation the Extension Office staff is using to transport the exhibits or the exhibit is too heavy for Extension staff to safely move, the exhibitor will be required to get their exhibit to and from the State Fair.

Premier Science Award – State Fair exhibits in all curriculum areas will be considered for the award. See instructions on page 124.

900 NUMBERED CLASSES ARE COUNTY ONLY

They are NOT eligible for State Fair.

PROTESTS

All protests must be submitted in writing and signed. The written protest must be submitted to the appropriate Department/Section Superintendent who will take the protest immediately to the 4-H Council for prompt consideration and action. The protest must include the following: 1) names of persons involved, 2) nature of concerns, 3) situation and documentation, 4) recommendations for correction, 5) specification, rule, etc., in question, 6) additional person/committee who may be contacted for further clarification and 7) procedures and/or steps carried out by person involved prior to submission of the protest to the 4-H Council. The 4-H Council will review the written protest. They may discuss the situation with the affected persons and show officials. In cases of protest, the exhibitor may be allowed to show, but results of showing will be subject to change based on the outcome of the protest process. This allows for smooth operation of the show and facilitates appropriate processing. The Red Willow County 4-H Council reserves the right to withhold premium and/or award. The exhibitor may be excluded from the show if action warrants. Protests will not be accepted after the exhibit is released from the County Fair. Protests related to judges' integrity, decisions, placing, or other evaluations will not be accepted.

Out of respect for Extension staff and other volunteers, please follow the above protest protocol when applicable. For any other concerns, please bring them to the attention of any one of the department superintendents of which the concern entails. 4-H is a family and youth orientated program. Please follow the guidelines set forth in the Nebraska 4-H Participant/Parent/Guardian Code of Conduct.

SUBSTANCE ABUSE

Use or possession of tobacco, alcoholic beverages or drugs (except for medical purposes) by any exhibitor who is participating in 4-H at the Red Willow County Fair will result in immediate disqualification of that exhibitor's entries.

DISCLAIMER OF RESPONSIBILITY

4-H exhibits at the Red Willow County Fair and Nebraska State Fair are entered and displayed at the risk of the 4-H member. The Red Willow County 4-H Council, in cooperation with the Nebraska Extension in Red Willow County and the Red Willow County Fair Board and the University of Nebraska-Lincoln Extension 4-H Youth Development in cooperation with the Nebraska State Fair Board accepts exhibits and will exercise due care to protect them. However, they cannot accept responsibility for loss or damage due to the conditions imposed by large crowds or the arrangement of the buildings in which displays are housed. 4-H'ers who have exhibits of great sentimental and/or monetary value should carefully consider whether such exhibits should be exposed to the hazards of the fair. While the greatest possible care will be exercised by the management to protect patrons of the Red Willow County Fair and the Nebraska State Fair, each individual will be held personally responsible for any injury or damage.

ADMISSION AND 4-H PASSES

Although admission to the fairgrounds is free, livestock exhibitors must obtain a gate pass. The passes will be available either from the Extension Office or the Fair Board Office. This pass will admit 4-H'ers to park in the designated 4-H parking area. The pass must be on your vehicle for admittance during fair.

The Red Willow County Fair Board provides each eligible 4-H'er a free pass good for one gate admission to designated fair events. The Fair Board has requested 4-H'ers wear their 4-H t-shirt when using this pass to attend an event to show their pride in 4-H.

RELEASE OF EXHIBITS

All livestock, rabbits and poultry will be released according to the Fair Schedule. There will be a committee of individuals approving the clean-up of the livestock stalls and poultry and rabbit cages. All 4-H livestock exhibitors must sign out with someone from this committee before leaving the fairgrounds. Failure to clean stalls or cages will result in the 4-H member being required to reimburse the Red Willow County Fair Board for the cost of clean-up.

All static 4-H exhibits will be released according to the Fair Schedule. 4-H families and volunteers are asked to help clean and take down the displays in the 4-H Building during this time.

Please be respectful of Cowboy Church when that is being held in the Kiplinger Arena.

LEADERSHIP & CITIZENSHIP

Citizenship - Premium 6

The purpose of these Citizenship exhibits is to foster civic responsibility and action within the diverse areas of citizenship including community service, service learning, government and policy making.

Citizenship – Discover your own family genealogy; Expand your cultural knowledge; Explore different cultures and ways of thinking; Solve real problems in your community: Discover the possibilities of democratic citizenship: Plan and conduct a project that will create, change or improve something valuable to people.

Resources: <https://go.unl.edu/ne4hrcitizenship> or https://4hcurriculum.unl.edu/index.php/main/program_project/92

Rules:

1. Exhibits are entered at 4-H'ers own risk. We will not be responsible for loss or damage to family heirloom items or any items in this division.
2. Displays should not be larger than 22" x 28" wide. Display collections securely in an attractive container no larger than 22" x 28".
3. **Supporting Material:** All entries must have a statement explaining:
 - The purpose of the exhibit
 - Exhibitors are encouraged to show evidence of their personal experiences, study or observations that relate to their exhibit. This helps the judges understand what the 4-H'er did and learned in the process that led to the exhibit.
 - References - All exhibitors should reference material sources or supporting information used in exhibits (i.e. if questions for a game were taken from an outside source, they must be referenced).
 - Identification - All entries should be labeled with the exhibitor's name, club and county.

Entries: Each exhibitor is limited to one item per class.

Project Materials – The official reference for the citizenship projects is Citizenship Public Adventures Kit (MI 7329) and Citizen Guide's Handbook (BU 7330). Other helpful citizenship references include Citizenship Washington Focus guides, Character Counts! and Service Learning Information.

Classes

A120001 – Care Package Display - This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, Power Point or another multi-media program to tell about the PROCESS of developing and giving a care package to a service organization. PowerPoint should be saved to a USB/thumb drive. You need to answer the following questions in your exhibit.

- How did you select the organization?
- What items did you include in your care package?
- Why did you select those items?
- How did it feel to present your care package to the organization?
- What did you learn from this experience?
- Other information that you feel is important about the care package or organization.

Some examples of care packages are: Backpack for school supplies, litter pan for animal shelter items, suitcase for abuse shelter or homeless shelter, etc.

A120002 – Citizenship Game - Could include but is not limited to symbol flash cards, question and answer board or stimulation with props. Clear instructions on how to play the game and what the game hopes to accomplish must be included.

A120003 – Patriotic or Cultural Fine Arts - Can be made of any art media but should tie in the relevance of the artwork to citizenship.

A120004 – Public Adventure Scrapbook - Should describe your Public Adventure or Service Learning Activity. Scrapbooks must measure no more than 16" x 16".

A120005 – Public Adventure Poster - Should describe your Public Adventure or Service Learning Activity. Display posters must be stiff enough to stand when supported from behind and below. Length and width must be no more than 24" x 28".

A120006 – Written or Recorded Stakeholder Interview - Should follow the outline found in the Public Adventures Curriculum. It may be written or recorded. Recordings should be saved as a .wav or .mp3 file; a USB/thumb drive will be accepted.

A120007 – Written Citizenship Essay - Is designed to promote good citizenship and patriotism. This essay is open to all age groups. All essays should be 300 - 400 typewritten words.

A120008 – For 9th-12th Graders Only: Oral Citizenship Essay - Addressing the theme "Freedom's Obligations" should be 3-5 minutes. No background music, singing or other enhancement allowed. All essays should be saved as a .wav or .mp3 file; a USB/thumb drive will be accepted. Voice tone should be normal and conversational. A copy of the written essay should be attached.

A120009 – Service Items - Can include but aren't limited to lap quilt, Quilt of Valor and homemade toys. Only non-perishable items will be accepted. Attached to the exhibit should be an explanation of who the recipient was and how the service project was made and used. The service item could be part of a larger community service effort.

A120010 – 4-H Club Exhibit - Should depict what a 4-H club has done in the area of community service. This item could include, but is not limited to, a service item, poster, scrapbook, cultural or creative arts item, care package or Quilt of Valor.

Seeing i2i – Premium 6

Classes

A130001 – Cultural Fine Arts – Can be made of any art media but should symbolize what makes them unique.

A130002 – How are We Different? Interview – Should follow the interview guide in the participant manual on page 3 and should reflect on the differences and similarities between you and the person you are interviewing.

A130003 – Name Art – Should be a creative art exhibit that symbolizes or explains where your name came from and what it means. Can use any media.

A130004 – Family History – Depicting your family cultural history or the ethnic make-up of your community noting who were the first settlers, where did they come from, is there evidence of the background today (local celebrations, family celebrations, museum or educational displays, historical markers, etc.)

A130005 – Exhibit depicting a Cultural Food that is special to your family – Can be a story or essay.

A130006 – “This is Who I Am” Poem – Written by the 4-H'er that reflects who they are.

A130007 – Poster – That depicts what you have learned through the i2i Project.

A130008 – Biography – About a historical figure that has made a positive impact on our society or who has made a difference in the lives of others.

A130009 – Play Script – Written about a different culture.

COMMUNICATION & EXPRESSIVE ARTS

Club Exhibit - Premium 9

This is an exhibit that will be displayed outside on the County Fairgrounds. The Extension Office must be notified by **July 1** if your club will be participating. One hay bale will be furnished per club. Use of the 4-H name and emblem must follow approved guidelines.

County Only Class

B900901 - Club Exhibit - Decorated hay bales. Large round hay bales will be provided. Each display should depict or promote 4-H or your club's interests and activities. You must have a weatherproof sign on the display indicating your club name. There will be a \$30.00 premium to each club participating (\$15.00 from the Fair Board and \$15.00 from the 4-H Council).

Performing Arts Showcase - Premium: Participation Ribbon

A piano will be furnished. 4-H'ers must bring their own boom boxes, CD players and music stands. Youth can share their talent and or interest in the performing arts through poetry, oral interpretation of drama, skits, reading, vocal or instrumental performances, dance, gymnastics and puppetry. This is a non-competitive event.

County Only Class

B901901 - Any Performing Art

Communications – Premium 7

The communication category provides 4-H participants an opportunity to improve their presentation and public speaking skills. In addition, 4-H'ers will get to demonstrate their knowledge of varying degrees of communication. Competitors have the option of creating a poster, essay, or digital media in the different divisions.

Resources: https://4hcurriculum.unl.edu/index.php/main/program_project/185

Rules

1. Static exhibits in this division will be evaluated on clarity of purpose/message in relation to communication, accuracy of information, originality, creativity, evidence of exhibitor's learning in this area and educational value of exhibit to viewers.

Communications, Module 1

Learn about interpersonal relationships, cultural understanding, speech making, safety in online spaces, and job interviews; practice communication in a variety of situations; Learn about communication preferences, active listening, identifying aggressive communication, using visual aids, making introductions, and writing letters and songs.

County Only Class

B154901 - Share with others what you learned in the project. Exhibit may be a poster, notebook or communications game illustrating what the 4-H'er has learned.

Posters - Premium 7

General Information - The purpose of a poster is to call attention to a subject. Every poster must be crafted to catch the viewer's attention quickly. Each must present only one specific message clearly. The poster should feature some aspect of 4-H.

Exhibit Guidelines - Posters will be judged on the following criteria. Idea - simple, clear message, appropriate for a poster. Lettering - readable from a distance, appropriate size in proportion to art. Art - one dominant, eye-catching element, art relates to the written message. Arrangement - makes a good use of entire poster space without being too crowded, art and lettering are well balanced.

Color - Use of bold colors that harmonize well, colors used are legible. Quality of construction, neatness, appropriateness of materials used. Effectiveness - works well as a poster.

Posters - must be 14" x 22". They may be arranged either horizontally or vertically. Those generated by computer must also meet this standard. Computer art generated on an 8.5" x 11" sheet of paper and mounted on poster board will be disqualified.

Posters may be in any medium: Watercolor, ink, crayon, markers or computer graphics. They may not be three-dimensional. Entries with components thicker than paper, such as milk cartons, pencils or pop cans will be disqualified.

Posters may not use copyrighted materials such as cartoon characters or commercial product names, logos or slogans. Avoid using clichés or over-used phrases that do not command the viewer's attention.

When using the official 4-H Emblem (clover with the H's on each leaf), it must follow approved guidelines, which can be viewed at <http://www.national4-hheadquarters.gov/emblem/4hname.htm>. Computer "clip art" will not be scored as positively as original computer art designs.

Entries which do not conform to size, content or material guidelines will be lowered one ribbon placing.

Entry cards should be stapled (not paper clipped or taped) to the upper right-hand corner of the poster. Posters may be laminated to protect them.

County Only Classes

B903901 - Exploring Careers with 4-H - Poster should illustrate how 4-H'ers can explore career opportunities through 4-H projects.

B903902 - Photo Poster - Poster should focus on a 4-H theme of your choice, using one large, eye-catching photo.

B903903 - "Keeping It Green...Keeping it Healthy" - Poster should illustrate how 4-H encourages healthy lifestyles for youth and their family.

B903904 - 4-H Enrollment Poster - poster that encourages youth to join 4-H, (with permission, the Extension Office will use the winning poster in promotional displays).

Photography

The purpose of this project area is to establish basic to advanced knowledge of and abilities in using photographic equipment, lighting, and composition to capture images, express feelings, and communicating ideas. Participants can work through the three project levels, progressing from basic to advanced photography skills and techniques.

Get to know your camera; Practice keeping camera steady and level; Practice taking photos, noticing natural light; Notice shadows and their potential in photography; Practice using natural light from several different directions; Practice using flash for fill, solving re-eye problems; Evaluate background, middle-ground, and foreground when taking photos; Practice filling the frame with the subject; Practice eliminating background clutter in photos; Practice using different viewpoints and perspectives in photos; Compose creative, unusual photos; Compose variety of selfies; Take photos of people, places and things; Sequence photos to tell a story; Create black and white photos; Evaluate photos using critical thinking. Get to know your camera's capabilities using zoom; Practice using different lens filters; Practice using light to portray a specific mood; Practice taking photos of reflections; Practice taking photos without the flash feature on your camera; Practice using the Rule of Thirds and the Rules of the Golden Triangle and the Golden Rectangle; Practice taking photos from different points of view/perspectives; Practice creating photos with interesting negative spaces; Practice capturing unposed, candid shots of a subject or event; Practice taking photos of "bits and pieces" of ordinary objects to create a work of art; Practice using a camera to create a panorama; Use color to create photos that are cool, warm, monochromatic, contrasting, and/or complementary; Practice taking photos with a specific purpose in mind to teach, instruct or sell a product or service; Evaluate photos that represent a body of work. Get to know your camera's capabilities using the mode dial; Practice capturing a focal point understanding how camera equipment and depth of field effects the photo; Practice taking photos in low-light situations; Practice taking photos that help you get the correct exposure; Practice taking silhouettes; Practice composing photos that include geometric shapes and interesting framing; Practice composing photos that break photography "rules"; Practice taking still-life photos; Practice capturing portraits showing a person's character and personality; Practice taking photos of interesting shapes, patterns and textures; Practice capturing photos where the subject is in motion; Practice taking photos that are outside the normal limits: astrophotography, underwater, infrared; Practice creating creative joiners; Evaluate photos that represent a body of work.

Resources: https://4hcurriculum.unl.edu/index.php/main/program_project/28

Rules

1. 4-H members are allowed to exhibit in only one photography level.
2. 4-H members may enter no more than one exhibit per class.
3. An image may only be used on one exhibit with the exception of the Portfolios which may include images entered in other classes.
4. **Cameras:** Photos may be taken with any type of film or digital camera, including phones, tablets, and drones.
5. Photos must be shot by the 4-H member during the current project year with the exception of Portfolios, which may include images captured and/or exhibited in previous years.
6. Securely attach photos, mats, backing and data tags. Exhibits that are poorly attached may be disqualified. Do not use photo corners, borders or place coverings over the exhibits.
7. **Portfolios:** All portfolios must include the following information: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each photo. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image. Portfolios may be presented in either print or digital formats:
 - Printed portfolios should be presented in an 8.5"x11" three-ring binder or similar book format. Recommended photo size is 8"x10". Matting is not necessary.
 - Digital portfolios may be presented online and must be exhibited along with a single 8.5"x11" flyer. Flyers must include a link, URL or QR code that takes users (judges and fairgoers) to their online portfolio.
8. **Display Exhibits:** At State Fair, display exhibits are only accepted in Level II. Displays consist of three 4"x6" photos mounted on a single horizontal 11"x14" black or white poster or mat board. Incorrect sizes will not be accepted. No foam board backing should be used. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distract from the overall display. No titles, captions or stick-on numbers will be allowed. Photos may be mounted vertically or horizontally. Appropriate Data Tags are required (see rule regarding Data Tags).
9. **Print Exhibits:** Print exhibits must be 8"x10" printed mounted in 11"x14" (outside size) cut matting with a sandwich mat board backing. Incorrect sizes will not be accepted. No foam board should be used for matting or backing. Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames are allowed. Appropriate data tags are required (see rule regarding Data Tags).
10. **Entry Tags:** Entry tags should be securely attached to the upper right-hand corner of the exhibit.
11. **Data Tags:** Data tags are required on all print and display exhibits. Data tags are not required for portfolios. Each exhibit must have the appropriate number and level of data tags as outlined below. Data tags should be securely attached to the back of the exhibit. Current data tags and help sheet are available at <https://go.unl.edu/ne4h-photography> and on pages 13-23
 - Level 1 – All entries must have a Level 1 Data Tag.
 - Level 2 Prints – All Level 2 prints must have a Level 2 Data Tag.
 - Level 2 Displays – Each photo of the display must include a separate Level 2 Data Tag. Data Tags should be numbered with the corresponding photo's number.
 - Level 3 Prints – All Level 3 prints must have a Level 3 Data Tag.
12. **On-Campus Exhibition Selection:** Level 2 and Level 3 prints exhibited at State Fair may be selected for special on-campus exhibitions. Selected prints will be collected at the end of State Fair and will be returned to the county Extension office after the completing of their on-campus exhibition.

Level 1 – Photography Basics - Premium 6

Level 1 Data Tag is on page 19.

Photo Journal

Complete the pages associated with the project of your choice (project 1, 2, 3 or 4). Place pages in an 8½" x 11" black or white 3 ring binder.

County Only Class

B902901 - Photo Journal - An entry will consist of a single completed and bound section of project 1, 2, 3 or 4 in the Level 1 project manual titled Photography Level 1: Photography Basics.

Picture Displays

Photos should be mounted on a single horizontal 11"x14" black (preferred) or white poster or matting board. Every photo on picture display must be pencil numbered (No. 2 lead pencil) below for judge's reference only. Numbers should be readable but not detract from display. No titles, captions or stick-on numbers will be allowed. Photos must be mounted vertically or horizontally.

County Only Classes

B902902 - Photo Story Display - An entry will consist of a display of three 4"x6" photos that tell the beginning, middle and end of a story. Each photo should show a definite step. Imagination and variety are encouraged.

B902903 - Fun With Shadows Display - An entry will consist of three 4"x6" photos of three different subjects that capture the image of the shadow.

B902904 - Magic Tricks Display - An entry will consist of a display of three 4"x6" photos of three different subjects that use a "special effect" to create interesting photos.

Exhibit Prints

County Only Class

B902905 - Exhibit Print - An entry will consist of black and white or color 8"x10" photograph of any subject mounted in an appropriate color 11"x14" (outside size) cut matting (no frames) with a sandwich mat-board backing (not foam board). Place photos horizontally or vertically as appropriate. Encourage originality and creativity.

4-H'ers can exhibit for two years in Level 1 Photography. 4-H'ers who have exhibited in Level 2 or Level 3 Photography are not eligible to enter Level 1.

Level 2: Next Level Photography

Level 2 photographers should be utilizing all the skills and techniques they have developed thus far in their photography careers, especially topics covered in Book 1 Photography Basics and Book 2 Next Level Photography.

Level 2 Data Tag is on page 21.

Classes - Premium 5

B181010 – Level 2 Portfolio – Level 2 portfolios should represent the photographer's best work and must include 5-7 different images from the 4-H member's photography career. At least 2 images must have been taken during the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 2 classes during the same year. Portfolios must include: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each image. When writing reflections, youth should focus on what new photography techniques they were practicing when they took the photo, what makes the image successful and what could have been done to improve the image.

B181020 – Creative Techniques & Lighting Display or Print – Photos should capture a creative use of lighting, such as diffused lighting, backlighting or hard lighting, reflections or another lighting technique covered in Book 2 Next Level Photography (Activity 3, 4, 5).

B181030 – Creative Composition Display or Print – Photos should capture a creative composition using the Rule of Thirds, Golden Triangle, Golden Rectangle or another composition technique covered in Book 2 Next Level Photography (Activity 6, 7, 8, 9).

B181040 – Abstract Photography Display or Print – Photos should be abstract or capture a small piece of a larger subject. Abstract photos may not look like anything in particular but should be able to capture a viewer's attention (Activity 11).

B181050 – Candid Photography Display or Print – Candid photos should capture a special moment or meaningful interaction. Photos should be un-posed (Activity 10).

B181060 – Expression Through Color Display or Print – Photos should capture a creative use of color or a color scheme, such as complimentary, contrasting, monochromatic, warm, cool, primary, secondary or tertiary (Activity 13).

Level 3: Mastering Photography

Level 3 photographers should be exploring and experimenting with advanced techniques. This may include, but does not necessarily require using an SLR camera, manual adjustments or other advanced equipment. Level 3 photographers should be utilizing all the skills and techniques they have developed throughout their photography career, especially topics covered in Book 1 Photography Basics, Book 2 Next Level Photography and Book 3 Mastering Photography.

Level 3 Data Tag is on page 23.

Classes - Premium 5

B182010 – Level 3 Portfolio – Level 3 portfolios should represent the photographer's best work. Level 3 portfolios must include 9-11 images from the 4-H member's photography career. At least 3 images should be from the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 3 classes during the same year. Portfolios must include: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image and 6) reflections for each image. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful and what could have been done to improve the image.

B182020 – Advanced Techniques & Lighting Print – Photos should show an experimentation or exploration of advanced lighting, such as low-light or silhouette photography or another advanced photography technique, such as astrophotography, underwater photography, or infrared photography (Activity 3, 4, 5 or 12).

B182030 – Advanced Composition Print – Photos should show advanced compositions, such as using diagonal, horizontal or vertical lines or repeating shapes to frame a subject or lead the viewer's eye through a scene; breaking the rule of thirds to compose a discordant image; or another advanced composition technique covered in Book 3 Mastering Photography (Activity 6, 7).

B182040 – Portrait Print – A great portrait captures not only a person's physical image, but also something of the person's character or personality. Photos may be either formal or informal, but must be of one or more human subjects (Activity 9).

B182050 – Still Life Print – Photos should capture non-moving objects that have been arranged in an interesting way. Photos should demonstrate advanced control over lighting and composition (Activity 8).

B182060 – Freeze/Blur the Moment Print – Photos should capture a subject in motion. Photographers should adjust shutter speed to either freeze or blur the movement (Activity 11).

Theater Arts - Premium 6

County Only Classes

B960901 - Theater Arts 2 - Share with others what you learned in this project. Exhibit may be a poster, notebook or scrapbook illustrating what the 4-H member has learned.

B906902 - Theater Arts 3 - Share with others what you learned in this project. Exhibit may be a poster, notebook or scrapbook illustrating what the 4-H member has learned.

COMPLETING A PHOTOGRAPHY EXHIBIT DATA TAG

Double check to be sure you use the correct data tag. There are different data tags for each photography level. Current Data Tags and help sheet are available at <https://go.unl.edu/ne4h-photography>

Name: Include both first and last name.

Age: Include your 4-H age, or the age you were on January 1st of the current year.

County: Include the county where you are exhibiting – this will be required if the exhibit is selected for State Fair.

Year in Photography: List the total number of years you have been enrolled in any 4-H photography project.

Years in the Current Level: The total number of years you have been enrolled in the current 4-H photography level.

Camera:

- Indicate the brand make and model of the camera, such as Google Pixel 2, Nikon Coolpix B500, or Canon EOS Rebel T7.
- Indicate whether the camera is digital or film.

Tell us about this photo (special equipment, techniques, subject, location, goals, etc.). Use this space to tell the judges what you want them to know about the photo. For abstract photos, it might be a good idea to tell the judge what the subject is or how you took the photo. For especially unique images, tell the judge how you captured the image. For images where you used advanced equipment or tried a new technique, tell the judge about it here.

Describe any edits or changes made to the picture using digital software. Use this space to explain any digital manipulation done to the photo, including digital post-production filters, cropping, or any adjustments to exposure, contrast, etc. Explain what edits or changes were made, as well as what software was used. This includes mobile/smartphone apps.

(The following questions are for Level 2 and 3 exhibitors only.)

Focal Length*: This is a number indicating the length of the lens which determines how much of a scene you are able to see through your viewfinder. This is typically measured in millimeters (mm).

Example: 29mm, 35mm, 50mm.

See Level 2 Activity 1 for more information.

Type/Source of light: Be as specific as possible. Identify whether the lighting was natural or artificial. If artificial, identify the light sources, such as camera's flash, neon lights, car headlights, flashlight, etc. For natural light, identify the type, dawn, dusk, midday, reflected, diffused, direct, light shining through a window, etc.

Example: natural, midday direct sunlight

See Level 2 Activities 3 and 5 for more information.

(The following questions are for Level 3 exhibitors only.)

Shutter Speed*: This is the length of time a camera shutter is open to expose light into the camera sensor. Shutter speed is typically measured in fractions of a second when they are under a second. Slow shutter speeds allow more light into the camera sensor and are used in low-light situations, while faster shutter speeds help freeze motion. This might also be referred to as exposure time.

Example: 1/30, 1/125, or 1/500

See Level 3 Activity 1 for more information.

F Stop*: This is a number which indicates the size of the aperture, which allows light to travel into the camera. The aperture controls the depth of field. A larger aperture opening will result in a smaller depth of field. The aperture size is expressed in f numbers or f-stops.

Examples: f/1.4, f/4, f/22

See Level 3 Activity 1 for more information.

ISO*: This is a number that indicates a film's sensitivity to light or more commonly its speed. It is typically measured in numbers, a lower number representing a darker image, while higher numbers mean a brighter image.

Examples: 100, 200, 400

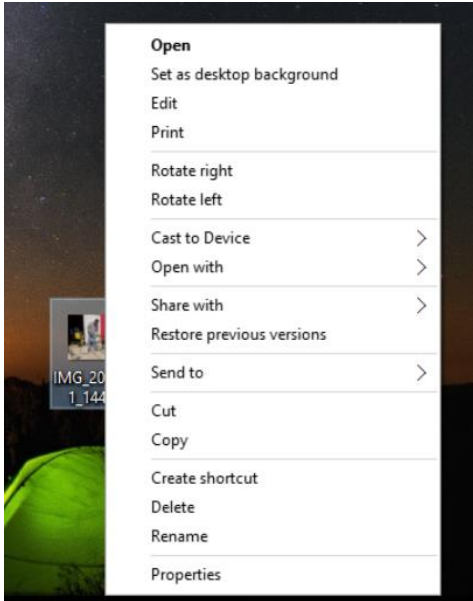
See Level 3 Activity 1 for more information.

List advanced equipment and/or techniques used and/or what manual adjustment were made. Level 3 exhibitors should be exploring and experimenting with advanced techniques. This may include but does not necessarily require using a DSLR camera, manual adjustments, or other advanced equipment. Use this space to identify and, if needed, explain what advanced equipment or techniques were used to capture this image. If manual adjustments were made, identify which settings were adjusted (ISO, F Stop, Shutter Speed).

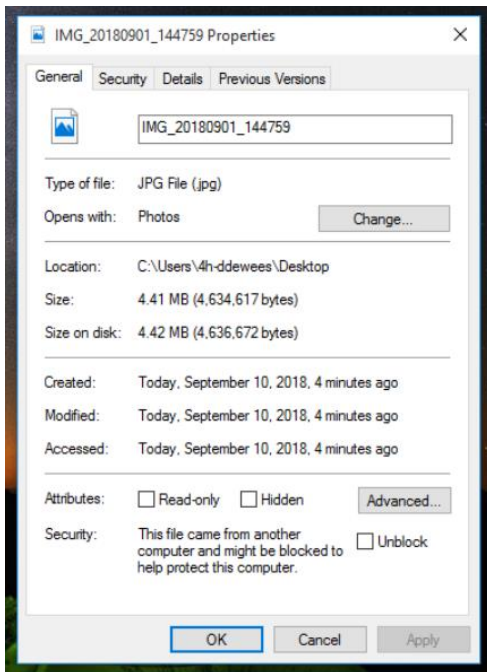
*Note: Regardless of whether or not you made manual adjustments or used special equipment, you must still identify this information. "Auto" is not an acceptable answer. Digital cameras automatically record this information for each photo captured. The information, referred to as Metadata, is attached to the image file and goes with it when the image is downloaded to a computer for example. There are many ways to access this data. See instructions below for more information.

Accessing Image Metadata on a PC Computer

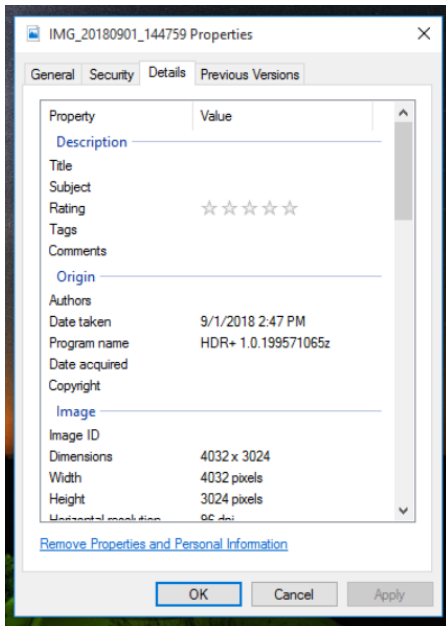
Right-click the image file. Select “Properties” from the dropdown menu.



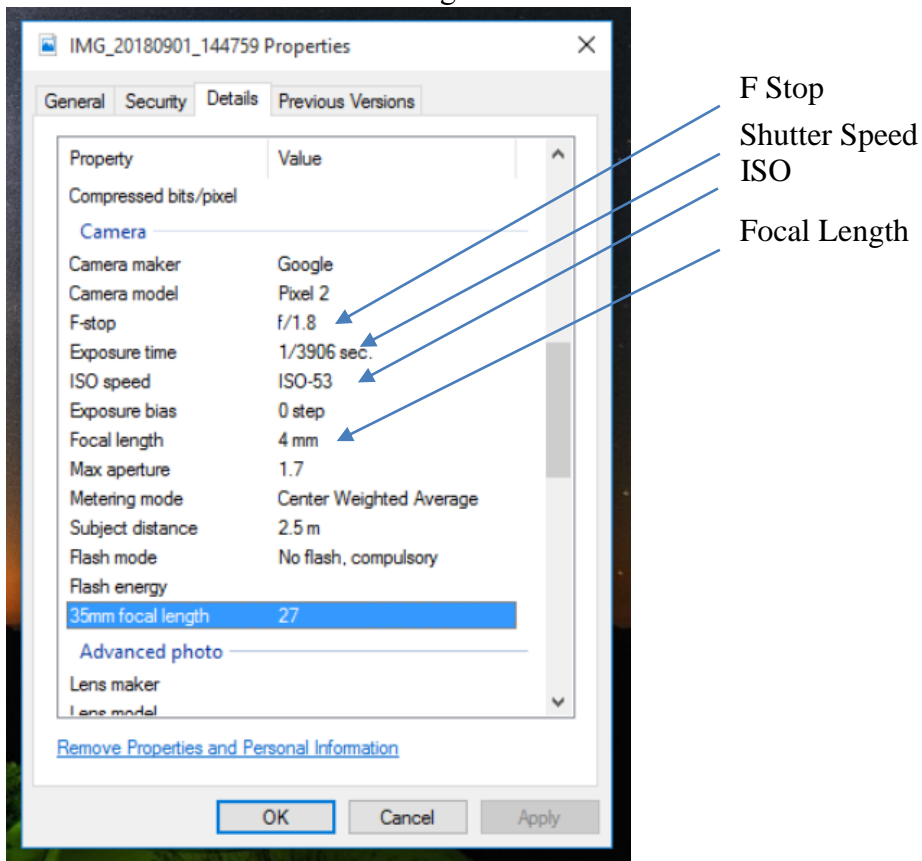
A pop-up window will appear.



Select the “Details” tab.

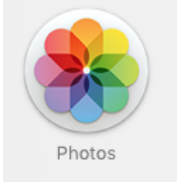


Scroll down to the section heading “Camera.”

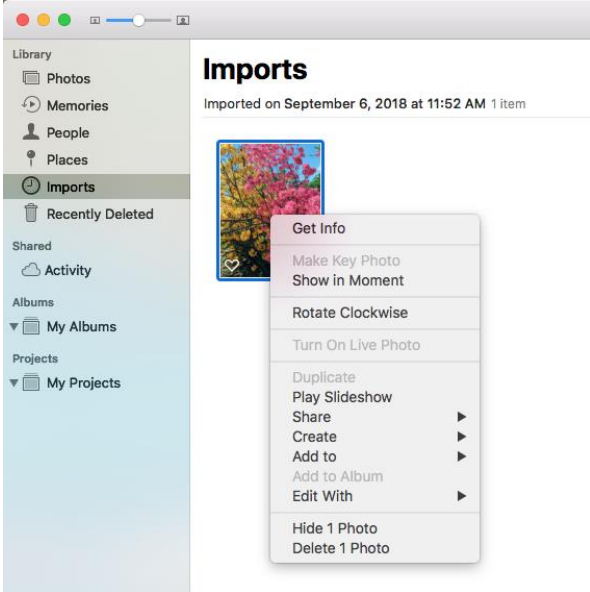


Accessing Image Metadata on a Mac Computer

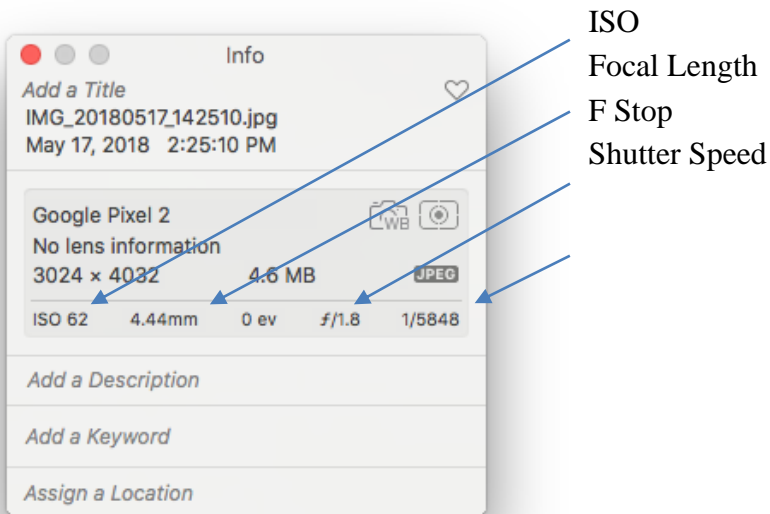
Open the image file using the built-in Photos app.



Right-click the image, and select “Get Info” from the dropdown menu.



A pop-up will appear which provides the image’s metadata.



ISO
Focal Length
F Stop
Shutter Speed

Level 1 Data Tag

Name: _____ Age: _____ County: _____

Years in Photography: _____ Years in the Current Level: _____

Camera: _____

(brand make & model)

(digital or film)

Tell us about this photo (special equipment, techniques, subject, location, goals, etc.).

Describe any edits or changes made to the picture using digital software.

Level 2 Data Tag

Name: _____ Age: _____ County: _____

Years in Photography: _____ Years in the Current Level: _____

Camera: _____

(brand make & model)

(digital or film)

Focal Length: _____

Type/Source of light: _____

Tell us about this photo. Include any special equipment or techniques used.

Describe any edits or changes made to the picture using digital software.

Level 3 Data Tag

Name: _____ Age: _____ County: _____

Years in Photography: _____ Years in the Current Level: _____

Camera: _____

(brand make & model)

(digital or film)

Focal Length: _____ Shutter Speed: _____ F Stop: _____ ISO: _____

Type/Source of light: _____

Identify advanced equipment, techniques, or manual adjustments used to capture this image.

Tell us about this photo.

Describe any edits or changes made to the picture using computer software.

CONSUMER & FAMILY SCIENCE

Heritage

The purpose of the 4-H Heritage project is to acquire knowledge, develop a connection to the past and share the story of a 4-H member's heritage and history around them. An exhibit may include items, pictures, maps, charts, recordings, drawings, illustrations, writings or displays that depict the heritage of the member's family, community or 4-H history. Learn about the origins of your family or traditions; Find the stories in family photographs; Identify family keepsakes.

Resources: <https://go.unl.edu/ne4hheritage> or https://4hcurriculum.unl.edu/index.php/main/program_project/47.

Rules

1. Exhibits are entered at 4-H'ers own risk. The Red Willow County Fair Board, Extension Office or State Fair will not be responsible for loss or damage to family heirloom items or any items in this division.
2. Displays should not be larger than 22"x28" wide. If the size needs to be a different size because the historical item is larger than 22"x28" please contact the Extension Office for approval. Display collections securely in an attractive container no larger than 22"x28".
3. Exhibits must include NAME, COUNTY, AGE AND PAST EXPERIENCE (years in Explore Your Heritage project) on back of exhibit.
4. All entries must have documentation included.

LEVEL 1: BEGINNING (1-4 years in project) – Premium 6

Classes

A101001 - Heritage Poster or Flat Exhibit - Entries may be pictures, posters or items that depict family heritage. Exhibits must be supported by a written explanation.

A101002 - Family Genealogy/History Notebook - Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.

A101003 - Local History Scrapbook/Notebook - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.

A101004 - Framed Family Groupings (or Individuals) of Pictures Showing Family History - Pictures must be supported by a written explanation.

A101005 - Other Exhibits Depicting the Heritage of the Member's Family or Community - Exhibit must be supported by a written explanation. May include biographical album of themselves or another family member, family cookbooks, etc.

A101006 - 4-H History Scrapbook – A scrapbook relating to 4-H history of a local club or county. Must be the work of individual 4-H'er - no club project. If multiple books are included in exhibit, only bring the book with the most current year's work.

A101007 - 4-H History Poster - Poster relating to 4-H history of a local club or county or individual.

A101008 - Story or Illustration About a Historical Event

A101009 - Book Review About Local, Nebraska or Regional History

A101010 - Other Historical Exhibits - Attach an explanation of historical importance.

A101011 - Family Traditions Book - Exhibitor scrapbook depicting family traditions of the past.

A101012 - Family Traditions Exhibit - Story or illustration of a family tradition or event. Exhibits must be supported by a written explanation.

A101013 - 4-H Club/County Scrapbook - Scrapbook relating to 4-H history of a local club or county compiled by club historian. If multiple books are included in exhibit, only bring the book with the most current year's work.

A101014 - 4-H Member Scrapbook - Scrapbook relating to an individual 4-H member's 4-H history. If multiple books are included in the exhibit, only bring the book with the most current year's work.

A101015 - Special Events Scrapbook - A scrapbook relating to a 4-H special event, such as Congress, CWF or a personal or family special event, such as a trip, family reunion, etc.

LEVEL 2: ADVANCED (Over 4 years in project) – Premium 6

Classes

A102001 - Heritage Poster or Flat Exhibit - Entries may be pictures, posters, items, etc. that depict family heritage. Exhibits must be supported by a written explanation.

A102002 - Family Genealogy/History Notebook - Include pedigree charts/family group sheets with documentation beyond two-three generations of one family line, expanding each year. If multiple books are included in the exhibit, only bring the book with the most current year's work.

A102003 - Local History Scrapbook/Notebook - Scrapbook or notebook that depicts the history of a local community or Nebraska that helps youth appreciate their heritage.

A102004 - Framed Family Groupings (or Individuals) of Pictures Showing Family History - Pictures must be supported by a written explanation.

A102005 - Other Exhibits Depicting the Heritage of the Member's Family or Community - Exhibit must be supported by a written explanation. May include biographical album of themselves or another family member, family cookbooks, etc.

A102006 - 4-H History Scrapbook – A scrapbook relating to 4-H history of a local club or county. Must be the work of an individual 4-H'er - no club project. If multiple books are included in the exhibit, only bring the book with the most current year's work.

A102007 - 4-H History Poster - Poster relating to 4-H history of a local club or county or individual.

A102008 - Story or Illustration About a Historical Event

A102009 - Book Review About Local, Nebraska or Regional History

A102010 - Other Historical Exhibits - Attach an explanation of historical importance.

A102011 - Exhibit Depicting the Importance of a Community or Nebraska Historic Landmark

A102012 - Community Report - Documenting something of historical significance from past to present.

A102013 - Historic Collection - Displayed securely and attractively in a container no larger than 22" x 28".

A102014 - Video Documentary of a Family or a Community Event - Must be produced and edited by the 4-H member. Must be entered as a DVD or USB.

A102015 - 4-H Club/County Scrapbook - Scrapbook relating to 4-H history of a local club or county compiled by a club historian. If multiple books are included in the exhibit, only bring the book with the most current year's work.

A102016 - 4-H Member Scrapbook - Scrapbook relating to an individual 4-H member's 4-H history. If multiple books are included in the exhibit, only bring the book with the most current year's work.

A102017 - Special Events Scrapbook - A scrapbook relating to a 4-H special event, such as Congress, CWF or a personal or family special event, such as a trip, family reunion, etc.

Human Development

The term Human Development includes child care, family life, personal development and character development.

Exhibitors in the Human Development project area will be asked to focus on designing toys/games/activities that meet the different needs of children.

Categories are based on the Early Learning Guidelines in Nebraska which identify the important areas in which our children should grow and develop. Use the Nebraska Department of Education website and the resources around the Early Learning Guidelines to help understand the six areas and the skills children need to develop to create your exhibit, in conjunction with your project manual. Learn skills and techniques of child care; Find out how to be a caring sitter; Learn to provide a safe environment for children. Explore how people grow and develop; Inspect toddler toys, minimize hazards; Learn about roles in life, handling emotions. Learn about self-care, rules, responsibility and safety; Introduction to babysitting; Gain awareness of common dangers in the world. Explore child development careers; Gain experience as a teacher or coach; Participate in a community service project.

Resources: <https://go.unl.edu/ne4hhumandevelopment>

https://4hcurriculum.unl.edu/index.php/main/program_project/53

<https://www.education.ne.gov/oec/early-learning-guidelines>

Information Sheets

Classes 1 – 6 and Class 8: Final ribbon placing of the exhibit will include the completeness and accuracy of this information sheet.

Information sheets for Classes 1-6 should include:

1. Where did I get the idea for this exhibit?
2. What decisions did I make to be sure the exhibit is safe for a child to use?
3. What age is this toy, game or activity appropriate for and why? (Infant, Birth-18 mths; Toddlers, 18 mths-3yrs; Preschoolers, 3-5 yrs or Middle Childhood, 6-9 yrs.) 4-H'ers must give at least 2 examples that help in understanding the appropriateness of this exhibit for the age of the child (see project manuals).
4. How is the toy, game or activity intended to be used by the child?

Information sheet for Class 8 should include:

1. State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for.
2. What are children this age like? Give 2 examples to show how the kit would be appropriate for children this age.
3. What will the child learn or what skills will they gain by using the kit?
4. What item(s) were made by the 4-H'er. 4-H'er should make one or more items in the kit, but purchased items are also allowed. (It is highly suggested that an inventory list of items in the kit be included).

Premium 6

4-H members taking I Have What it Takes to be a Babysitter may enter:

Toy, game, or activity made for a selected and identified age group. The intent is for the toy/game/activity to teach the child in the developmental area related to each class. For example, a game that is developed to help youth learn language and literacy skills would be an exhibit for class C200002. Each area is a different class. Information sheet required or exhibit will be dropped a ribbon placing for classes 1-6.

Classes

C200001 – Social Emotional Development

C200002 – Language and Literacy Development

C200003 – Science

C200004 – Health and Physical Development

C200005 – Math

C200006 – Creative Arts

C200007 – Activity with a Younger Child - Poster or scrapbook showing the 4-H'er working with a child age 0 to 8 years. May show making something with the child, child care or child interactions. May include photos, captions, story or essay. Size of exhibit is your choice. Other people may take photos so 4-H'er can be in the photos. The 4-H'er must make the poster or scrapbook. No information sheet is needed for class 7.

C200008 – Babysitting Kit - Purpose of the kit is for the 4-H member to take this item with them when they babysit in some else's home. Do not make the kit for a combination of ages or for your own family to use. The 4-H member must make one or more items in the kit, but purchased additional items are also allowed. A list of items in the kit is suggested to be included. Display in a box or

bag suitable for what it contains. Approximate size not larger than 12"x15"x10". All items in the kit must be safe for a child to handle. Most importantly the kit should serve a defined purpose, not just a catch all for several items.

Information sheet for class C200008 should include:

1. State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for.
2. What are children this age like? Give 2 examples to show how the kit would be appropriate for children this age.
3. What will the child learn or what skills will they gain by using the kit?
4. What item(s) were made by the 4-H member?

4-H'ers taking any of the projects in Department C200 may enter:

C200009 – Family Involvement Entry – Scrapbook, poster or story describing an activity the family did together. It might include making something such as a doll house or feed bunk. Items may be exhibited if desired. Other possibilities include a house or farm cleanup project, a family reunion, a celebration of a family milestone, a trip or vacation, moving, a community service project. Photographs are encouraged. Visuals should show family participation. Participation by all family members is important. Include a list of family members and what each person did to participate in the event.

4-H'ers taking Growing All Together (2 or 3) may enter:

C200010 – Growing with Others Scrapbook or Poster - Examples: How to decide if it's time you can be home alone and related activities. How responsibilities and privileges are related. Friendships. Working with others. Understanding rules and boundaries. A family tree. A family rules chart. A family meal plan, with pictures of a special family meal. A home safety checklist. Being street smart (safety). A school scrapbook showing yourself and your school activities, memories and special interests.

C200011 – Growing in Communities - Scrapbook or poster. Examples: A career study. A photo story about your own growth and development, not only physically but emotionally, socially, spiritually and mentally. A television evaluation (see project manual). How you have overcome obstacles. Friendships. A community profile. A community service project. Working with parents. Teaching experiences. Understanding discipline. Playground safety check.

4-H'ers taking Kids on the Grow (1) may enter:

County Only Class

C200901 – Growing on My Own Scrapbook or poster - Examples: How you grow when you set goals. Your learning box. Story mask to express different feelings and emotions. Exercise chart. Time management plan. Family role and responsibilities. Personal safety plan. A toy safety checklist.

Clothing

Participants in the clothing category will demonstrate their knowledge through the creation of garments using STEAM (science, technology, engineering, arts and mathematics) techniques. Through the creation of garments 4-H'ers will learn more about clothing and application of STEAM abilities. Five divisions in the clothing category offer a varying level of difficulty for 4-H contestants.

Resources – <https://go.unl.edu/ne4hclothing> and https://4hcurriculum.unl.edu/index.php/main/program_project/37

Rules

Only one entry per class, per exhibitor may be made.

Judging/Fashion Show will take place on Clothing Day - Interview judging times will be scheduled and mailed/emailed to contestants. Fashion Show and Performing Arts Showcase will be held that evening.

Identification Labels - Each item entered as a clothing exhibit must have a label attached stating: County, exhibitor's name and age, project name and class in which garment is entered, and the number of years enrolled in the project exhibited. Wool entries must have the fiber content listed on the identification label. Attach a label on every component of the outfit using safety pins or by basting.

Exhibits - 4-H'ers must take their clothing, knitting or crochet exhibits home after the public Fashion Show unless other arrangements are made with Extension staff. It is the 4-H'ers responsibility to bring their clothing exhibits back to the county fair on entry day. If the exhibits are not brought back, they will be lowered one ribbon placing. Please bring all wearable exhibits on wire hangers or hangers with a swivel hook ONLY. All exhibits not suitable for hanging should be entered in a plastic bag hung on a hanger. Wool garments and garments with narrow straps hang better on other hangers, i.e., wooden or notched plastic hangers with a swivel hook. As you look at the garment, place the hook of the hanger pointing to the left. Fasten skirts, shorts, and pants to skirt/pant hangers or safety pin on hanger. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.

A Design Card must be included with all Beyond the Needle Classes C221003-C221008 and STEAM 2 and 3 upcycled exhibits. The data card is available at <http://go.unl.edu/ne4hclothing> and on page 31. If the data card is not included, the exhibit will be lowered one ribbon placing. **The data card is only required for the classes listed above.**

General - Garments as listed may be made for self (4-H member) or another person. 4-H'ers enrolled in clothing projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in STEAM Clothing 3, you are not eligible to exhibit in STEAM Clothing 2.

Criteria for Judging – Refer to the Nebraska 4-H website for current State Fair score sheets at www.4h.unl.edu. In addition, all entries must conform to rules and regulations as set forth in the current Nebraska State Fair Book.

Special Awards – All State Fair garments and accessories will be considered for the juried "4-H Design Gallery" to be displayed at the Nebraska State Fair. All garments with at least 60% wool content are eligible for the "Make it with Wool" Award at the Nebraska State Fair.

GENERAL CLOTHING – Premium 6

4-H members in all skill levels may exhibit in this area.

Classes

C220001 – Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 or 4 of the STEAM Clothing 2 project manual. The Portfolio should be placed in an 8 ½ x11 inch, 3 ring binder. Include an appropriate cover. Portfolio should build upon itself each year (additional pages can be added each year but should be dated). See pages 9-11 in STEAM Clothing 2: Simply Sewing project manual for portfolio formatting.

C220002 – Textile Science Scrapbook – Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in STEAM Clothing 2: Simple Sewing project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x11 inch, 3 ring binder. Include an appropriate cover. Textile Science Scrapbook should build upon itself each year (additional pages can be added each year, but should be dated). See the STEAM Clothing 2 project manual for fabric suggestions.

C220003 – Sewing for Profit – Using pages 161-167 in the STEAM Clothing 2: Simply Sewing project manual, display what products you posted online and analyze the cost of goods purchased to determine the appropriate selling price for your product. The exhibit may be a notebook, poster or small display. Exhibits should not exceed 22" x 30".

BEYOND THE NEEDLE – Premium 6

4-H members must show their own original creativity.

Classes

C221001 - Design Portfolio – A portfolio consisting of at least three design samples or activities. Refer to the Beyond the Needle project manual for activity ideas. The Portfolio should be placed in an 8½ x 11 inch, 3 ring binder. Include an appropriate cover. Additional pages can be added each year but should be dated. See pages 14-16 in the Beyond the Needle project manual for portfolio formatting.

C221002 - Color Wheel – Create your own color wheel, complimentary color bar or color scheme using pages 27-39 in the Beyond the Needle project manual. The exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30".

C221003 - Embellished Garment with Original Design (Eligible for State Fair Fashion Show) – Create a garment using techniques as defined in the project manual. Designs are the original idea of the 4-H'er using the elements and principles of design to make an original statement.

A Design Data Card must be included with this project. The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

C221004 - Original Designed Fabric Yardage – Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. Exhibit consists of at least one yard of finished fabric.

A Design Data Card must be included with this project. The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

C221005 – Item (Garment or Non-Clothing Item) Constructed from Original Designed Fabric – (Only garments are eligible for State Fair Fashion Show) – Fabric yardage is designed first, then an item is constructed from that fabric. Other embellishments may be added.

A Design Data Card must be included with this project. The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

C221006 - Textile Arts Garment or Accessory (Garment eligible for State Fair Fashion Show) – A garment or accessory constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

A Design Data Card must be included with this project. The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

C221007 – Fashion Accessory (Not eligible for State Fair Fashion Show) – An accessory designed and/or constructed using elements and principles of design; can be textile or non-textile based. Example: shoes, strung bracelet/necklace, wire wrapping, scarves, flip flops, design on tennis shoes, etc.

A Design Data Card must be included with this project. The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

C221008 – Wearable Technology Garment or Accessory (Garment is eligible for State Fair Fashion Show) – Technology is integrated into the garment or accessory in some way (For example: LEDs, charging capabilities, sensors, etc.)

A Design Data Card must be included with this project. The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

County Only Class

C221900 – Make it For Fun – An item made using skills learned in the Beyond the Needle project manual.

STEAM Clothing 1: FUNDAMENTALS - Premium 6

Exhibits will be simple articles requiring minimal skills. Follow suggested skills in project manual. May exhibit one item per class number. 4-H'ers who have exhibited in STEAM Clothing 2 are not eligible to exhibit in STEAM Clothing 1.

Understand the basic of sewing; Understand textiles through science experiments; Learn about how textiles are engineered into garments.

County Only Classes

C902901 - Clothing Portfolio – Complete at least three different samples/activities from Chapter 2 OR Chapter 3 of the STEAM Clothing 1 project manual. The Portfolio should be placed in an 8½ x 11 inch, 3 ring binder. Include an appropriate cover, dividers, and table of contents. Additional pages can be added each year, but should be dated. See pages 9-10 of the project manual for portfolio formatting.

C902902 - Sewing Kit – Include a list of sewing notions and purpose for each included (pg. 12-17 in project manual).

C902903 - Fabric Textile Scrapbook – Must include at least 5 different textile samples. Use Textile Information Cards template on page 41 in the STEAM Clothing 1 project manual to identify fabric swatches. Completed textile cards should be placed in an 8½ x 11 inch, 3 ring binder. Include an appropriate cover. See the project manual for fabric suggestions.

C902904 - What's The Difference – An exhibit (not to exceed 22" x 30") may be a notebook, poster, or small display sharing a project comparison and price point. See the STEAM Clothing 1 project manual, "What's the Difference?" page 118-119. Exhibits should include pictures. NO actual pillows.

C902905 - Clothing Service Project – Can include pillows or pillowcases. Exhibit (not to exceed 22" x 30") may be a notebook, poster, or small display sharing information you generated in the project activity "Serving a Purpose" page 124-125.

Beginning Sewing Exhibits: Exhibits must be made from medium weight woven fabrics that will sew and press smoothly, flannel/fleece is acceptable. Solid color fabrics or those having an overall print are acceptable. Patterns should be simple without darts, set-in sleeves, and collars. Raglan and kimono sleeves are acceptable.

County Only Classes

C902906 - Pin Cushion or Needle Book

C902907 - Pillowcase

C902908 - Simple Pillow – No larger than 18" x 18".

C902909 - Bag/Purse – No zippers or button holes.

C902910 - Simple Top

C902911 - Simple Bottom – Pants, shorts, or skirt

C902912 - Simple Dress

C902913 - Make it for Fun – Using skills learned in the STEAM Clothing 1 project manual.

C902914 - Upcycled Simple Garment – The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. A "before" picture and a description of the redesign process **must** accompany the entry or it will be disqualified.

C902915 - Upcycled Accessory – A wearable accessory made from a used item. The item used must be changed in some way in the "redesign" process. A "before" picture and a description of the redesign process must accompany the entry, or it will be disqualified.

STEAM Clothing 2: SIMPLY SEWING – Premium 3

Exhibits entered in this project must reflect at least one new skill learned from the STEAM Clothing 2 manual (see project manual skill-level list). A list of skills by project is available at <https://go.unl.edu/ne4hclothing>.

Garments as listed below may be made from any woven or knit fabric appropriate to the garment's design and should demonstrate sewing skills beyond STEAM Clothing 1.

Classes

C222001 - Design Basics, Understanding Design Principles – 4-H members may enter an exhibit sharing a learning experience from pages 17-20 in the project manual. Include answers to questions found on page 20 of the STEAM Clothing 2 project manual. The exhibit may be a notebook, poster or small display. Exhibits should not exceed 22" x 30".

C222002 - Pressing Matters – 4-H members may enter a ham or sleeve roll from pages 21-25 "A Pressing Matter" in the STEAM Clothing 2 project manual. Exhibit should include answers to lesson questions that are most appropriate to include.

C222003 - Upcycled Garment (Eligible for State Fair Fashion Show) – Create a garment from used textile based items. The original used item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A list of skills by project are available at <https://go.unl.edu/ne4hclothing>.

A Design Data Card must be included with this project including a "before" picture no larger than 4.25" x 5.5". The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

C222004 - Upcycled Clothing Accessory (Not eligible for State Fair Fashion Show) – A wearable accessory made from a used item. The original item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable accessory. The finished garment must reflect at least one skill learned in this project. A list of skills by project is available at <https://go.unl.edu/ne4hclothing>.

A Design Data Card must be included with this project including a "before" picture no larger than 4.25" x 5.5". The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

C222005 - Textile Clothing Accessory (Not eligible for State Fair Fashion Show) – Textile accessory is constructed using as least one skill learned in this project from materials appropriate for STEAM 2. A list of skills by project is available at <https://go.unl.edu/ne4hclothing>. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber based items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

C222006 - Top (Not eligible for State Fair Fashion Show) – Vest is acceptable.

C222007 - Bottom (Not eligible for State Fair Fashion Show) – Pants or shorts.

C222008 - Skirt (Not eligible for State Fair Fashion Show)

C222009 - Lined or Unlined Jacket (Not eligible for State Fair Fashion Show)

C222010 - Dress (Eligible for State Fair Fashion Show) – Not formal wear.

C222011 - Romper or Jumpsuit (Eligible for State Fair Fashion Show)

C222012 - Two-Piece Outfit (Eligible for State Fair Fashion Show)

C222013 – Alter Your Pattern – (Eligible for State Fair Fashion Show in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit or Two-Piece Outfit) – Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. Include information sheet that describes: 1) how the pattern was altered or changed, 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 2 include: moving darts, merging two patterns together, altering a pattern for a woven or knit material, adding a lining.

C222014 – Garment Constructed from Sustainable or Unconventional (natural or synthetic) fibers - (Eligible for State Fair Fashion Show, in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit or Two-Piece Outfit) Fabric/Fibers used in the garment have to be manufactured/purchased, for example: bamboo, banana, corn husk and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

County Only Class

C222900 – Make it for Fun – Item made using skills learned in the STEAM Clothing 2 project manual.

STEAM Clothing 3 – A STITCH FURTHER - Premium 3

Exhibits entered in this project must reflect at least one new skill learned from this manual (see project manual skill-level list). A list of skills by project is available at <https://go.unl.edu/ne4hclothing>.

Garments as listed may be made from any pattern or any fabric and should demonstrate sewing skills beyond STEAM Clothing 2. Entry consists of complete constructed garments only. Wool entries must have the fiber content listed on the identification label.

Classes

C223001 - Upcycled Garment (Eligible for State Fair Fashion Show) – Create a garment from used textile based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A list of skills by project is available at <https://go.unl.edu/ne4hclothing>.

A Design Data Card must be included with this project including a “before” picture no larger than 4.25” x 5.5”. The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

C223002 - Upcycled Clothing Accessory (Not eligible for State Fair Fashion Show) – A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A list of skills by project is available at <https://go.unl.edu/ne4hclothing>.

A Design Data Card must be included with this project including a “before” picture no larger than 4.25” x 5.5”. The data card is available at <https://go.unl.edu/ne4hclothing> and page 31. If additional information is not included, exhibit will be lowered one ribbon placing.

C223003 - Textile Clothing Accessory (Not eligible for State Fair Fashion Show) – Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM Clothing 3. A list of skills by project is available at <https://go.unl.edu/ne4hclothing>.

Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber based items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

C223004 - Dress or Formal (Eligible for State Fair Fashion Show)

C223005 - Skirted Combination (Eligible for State Fair Fashion Show) – Skirt with shirt, vest or jacket or jumper and shirt.

C223006 - Pants or Shorts Combination (Eligible for State Fair Fashion Show) – Pants or shorts with shirt, vest or jacket.

C223007 - Romper or Jumpsuit (Eligible for State Fair Fashion Show)

C223008 - Specialty Wear (Eligible for State Fair Fashion Show) – Includes: Swim wear, costumes, hunting gear, or chaps.

C223009 - Lined or Unlined Jacket (Eligible for State Fair Fashion Show) – Non-tailored.

C223010 - Coat, Blazer, Suit Jacket or Outerwear (Eligible for State Fair Fashion Show) – A tailored blazer or suit jacket or coat. Wool entries must have the fiber content listed on the identification label to be considered for the Make it With Wool Award.

C223011- Alter/Design Your Pattern (Eligible for State Fair Fashion Show in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit or Two-Piece Outfit) – Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. Include information sheet that describes: 1) how the pattern was altered or changed, 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 3 include: moving darts, adding a zipper, merging two patterns together, altering a pattern for a woven or knit material, adding a lining, designing your own pattern.

C223012 – Garment Constructed from Sustainable or Unconventional (natural or synthetic) fibers – (Eligible for State Fair Fashion Show in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit or Two-Piece Outfit) Fabric/Fibers used in this garment have to be manufactured/purchased, for example: bamboo, banana, corn husk and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

County Only Class

C223900 – Make it for Fun – Using skills learned in project manual.

Clothing Design Data Card

Name_____ County_____

Class Name and Number _____

This card must be included with

Beyond the Needle Classes: C221003 through C221008

STEAM 2 Upcycled Garment and Accessory Classes:

C222003 and C222004

STEAM 3 Upcycled Garment and Accessory Classes:

C223001 and C223002

All upcycled exhibits are required to have before and after pictures (pictures no larger than 4.25" x 5.5" each)

1. Why did you choose to create this exhibit?

2. What steps did you take as you created this exhibit?

3. What is one thing you learned from creating this exhibit?

Clothing Design Data Card

Name_____ County_____

Class Name and Number _____

This card must be included with

Beyond the Needle Classes: C221003 through C221008

STEAM 2 Upcycled Garment and Accessory Classes:

C222003 and C222004

STEAM 3 Upcycled Garment and Accessory Classes:

C223001 and C223002

All upcycled exhibits are required to have before and after pictures (pictures no larger than 4.25" x 5.5" each)

1. Why did you choose to create this exhibit?

2. What steps did you take as you created this exhibit?

3. What is one thing you learned from creating this exhibit?

Knitting and Crochet

The purpose of this category is to establish basic to advanced crochet and knitting skills. In addition, projects in this category require 4-H'ers to select adequate yarn and make design decisions.

Resources: <https://go.unl.edu/ne4hknitting-crocheting>

Rules

Only one entry per class, per exhibitor may be made.

Judging will take place on Clothing Day - Interview judging times will be scheduled and mailed/emailed to contestants.

Identification Labels - Each item entered as a knitting or crochet exhibit must have a label attached stating: County, exhibitor's name and age, project name and class in which garment is entered, and the number of years enrolled in the project exhibited. Wool entries must have the fiber content listed on the identification label. Attach a label on every component of the outfit using safety pins or by basting.

Exhibits - 4-H'ers must take their knitting or crochet exhibits home after the public Fashion Show. It is the 4-H'ers responsibility to bring their clothing exhibit back to the county fair on entry day. Knitted and crocheted exhibits should be entered in the most appropriate manner for the exhibit.

General - Garments as listed may be made for self (4-H member) or another person. 4-H'ers should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in Knitting Level 3, you are not eligible to exhibit in Knitting Level 2.

Special Awards – All State Fair garments and accessories will be juried to be selected for the 4-H Design Gallery to be displayed at the Nebraska State Fair. All garments with at least 60% wool content are eligible for the “Make it with Wool” Award at the Nebraska State Fair.

Knitting – Premium 6

Learn about types of yarn and yarn weights; Develop basic to advanced knitting skills; Combine knitting with garment making; Knit with double-pointed needles.

Judging will take place on Clothing Day – Interview judging times will be scheduled and mailed/emailed to contestants.

Criteria for judging: Design and color, neatness, knitting mechanics, trimmings, and construction finishes.

Each knitted exhibit must include the following information on the Fiber Arts Data Card found at <https://go.unl.edu/ne4hknitting-crocheting> and on page 35 with the entry tag or exhibit will be lowered one ribbon placing:

- Why did you choose to create this exhibit?
- What steps did you take as you created this exhibit?
- What were the most important things you learned?
- Gauge - Number of rows per inch; number of stitches per inch.
- Size of needles, finger knitted, arm knitted, loom or machine knitted.
- Kind of yarn – weight and fiber content.
- Names of stitches used.

Classes

C225001 – Level 2 Knitted Clothing (Garment eligible for State Fair Fashion Show) - Knitted item or garment using pattern stitches such as diamond, block, twist or seed/moss stitches. Basic stitches including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo) to form patterns.

C225002 – Level 2 Knitted Home Design & Restoration Item – Knitted item using basic stitches including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo) to form patterns.

C225003 – Arm or Finger Knitted Item – Clothing or Home Design & Restoration Item.

C225004 – Loom Knitted Item – Clothing or Home Design & Restoration Item.

C225005 – Level 3 Knitted Clothing (Garment eligible for State Fair Fashion Show) - Knitted item or garment made from advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches and changing colors throughout the garment such as argyle knitting and chart knitting.

C225006 Level 3 Knitted Home Design & Restoration Item – Knitted item made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches and changing colors throughout the garment such as argyle knitting and chart knitting.

C225007 Level 3 Machine Knitting

County Only Classes

C225901 - Level 1 Knitted Clothing or Home Design & Restoration Item

C225902 – Make it for Fun – Using skills learned in project manual

Fiber Arts Data Card-Knitting

Name _____ Age ____ County _____

Class Name and Number _____ Years in Project _____

This card must be included with All Knitting Projects

1. Why did you choose to create this exhibit?
2. What steps did you take as you created this exhibit?
3. What were the most important things you learned?
4. Gauge-Number of rows per inch; number of stitches per inch.
5. Size of needles, finger knitted, arm knitted, loom or machine knitted
6. Kind of yarn – weight and fiber content.
7. Names of stitches used.

Fiber Arts Data Card-Knitting

Name _____ Age ____ County _____

Class Name and Number _____ Years in Project _____

This card must be included with All Knitting Projects

1. Why did you choose to create this exhibit?
2. What steps did you take as you created this exhibit?
3. What were the most important things you learned?
4. Gauge-Number of rows per inch; number of stitches per inch.
5. Size of needles, finger knitted, arm knitted, loom or machine knitted
6. Kind of yarn – weight and fiber content.
7. Names of stitches used.

Crochet

Learn basic to advanced crochet stitches; Select yarn/thread for crocheting; Learn about blocking and changing colors; Design a new stitch or pattern; Work with other media such as leather, wood or beads.

Resources: <https://go.unl.edu/ne4hknitting-crocheting>

Judging will take place on Clothing Day – Interview judging times will be scheduled and mailed/emailed to contestants.

Criteria for judging: Design and color, neatness, crochet mechanics, trimmings, and construction finishes. Each crocheted exhibit must include the following information on the Fiber Arts Data Card found at <https://go.unl.edu/ne4hknitting-crocheting> and on page 39 with the entry tag or exhibit will be lowered one ribbon placing:

- Why did you choose to create this exhibit?
- What steps did you take as you created your exhibit?
- What were the most important things you learned?
- Gauge and size of hook or type of crocheting tool.
- Kind of yarn - weight and fiber content or other material used.
- Names of stitches used.

Classes – Premium 6

C226001 – Level 2 Crocheted Clothing (Garment eligible for State Fair Fashion Show) – Crochet garment using basic stitches (including: chain, single, double, half-double, treble) to form patterns.

C226002 – Level 2 Crocheted Home Design & Restoration Item – Crochet item using basic stitches (including: chain, single, double, half-double, treble) to form patterns.

C226003 – Level 3 Crocheted Clothing (Garment eligible for State Fair Fashion Show) – Crochet garment using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs and multiple pattern stitches.

C226004 – Level 3 Crocheted Home Design & Restoration Item – Crochet item using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs and multiple pattern stitches.

County Only Classes – Premium 6

C226902 - Level 1 Crocheted Clothing or Home Design & Restoration Item

C226903 – Make it for Fun – Using skills learned in project manual

Fiber Arts Data Card-Crochet

Name _____ Age ___ County _____

Class Name and Number _____ Years in Project _____

This card must be included with All Crochet Projects

1. Why did you choose to create this exhibit?
2. What steps did you take as you created this exhibit?
3. What were the most important things you learned?
4. Gauge-Number of rows per inch; number of stitches per inch.
5. Size of hook or type of crochet tool.
6. Kind of yarn – weight and fiber content or other material used.
7. Names of stitches used.

Fiber Arts Data Card-Crochet

Name _____ Age ___ County _____

Class Name and Number _____ Years in Project _____

This card must be included with All Crochet Projects

1. Why did you choose to create this exhibit?
2. What steps did you take as you created this exhibit?
3. What were the most important things you learned?
4. Gauge-Number of rows per inch; number of stitches per inch.
5. Size of hook or type of crochet tool.
6. Kind of yarn – weight and fiber content or other material used.
7. Names of stitches used.

Quilt Quest

County Fair Judging will take place on Clothing Day - Interview judging times will be scheduled and mailed/mailed to contestants. Please have the quilt exhibits enclosed in a clear plastic drop cloth when they are brought back to the 4-H Building for display on entry day.

State Fair – After they are judged, Quilt Quest exhibits will be juried for selection to participate in the Robert Hillestad Textiles Gallery – Celebration of Youth. Jurors are artists or designers who are independent from 4-H judging. Approximately 6 quilts will be selected along with 3 alternates.

Learn about design elements, design principles and applications; Construct a quilt from start to finish; Explore quilt science applications in other media.

Resources: <https://go.unl.edu/ne4hquilting>

Exhibit Guidelines

In Quilt Quest, 4-H'ers learn skills as they progress through the project. The least experienced 4-H exhibitor will select fabric, cut, and sew together only squares or rectangles in making the quilt top. They may have additional guidance in piecing the quilt block and layering together the quilt top, inner batting and the quilt bottom. Another person can do the quilting for them.

In the Premier class, the 4-H'er has developed skills to be able to do all of the work by himself/herself. This includes pattern and fabric selection, cutting and sewing individual pieces, layering the quilt top/batting/backing together, and quilting. Quilting may be done by hand, by sewing machine or by a commercial-grade quilting machine. After quilting, the 4-H'er must finish the quilt by "squaring it up," put binding on the edge, and placing a label on the quilt which provides details about the quilt making process for historical purposes.

Rules

- All entry cards and support information must be attached using safety pins. No straight pins.
- When judging Quilt Quest exhibits, the judges consider SF209 "Standards for Judging Quilts and Quilted Items."
- For all classes, 4-H'ers can choose fabrics for the quilt by selecting fabric from fabric bolts. 4-H'ers may also use "fabric collections" offered by manufacturers in a particular designer or fabric line. Examples of fabric collections include:
 - **Jelly Rolls** are made of (up to) 40 different strips of 2½" wide fabric laying on top of one another and rolled up to look like a jelly roll. The fabric is created by one designer or fabric line and compliments each other. In many cases, less skilled 4-H'ers find it difficult to cut narrow strips with a rotary cutter and ruler, so this fabric selection may make it easier as they learn.
 - **Honey Buns** are made like the Jelly Rolls with 1½" strips of fabrics.
 - **Layer Cakes** are 10" squares of fabric from a manufactured designer or fabric line with different pieces of fabric "layered" on top of one another to look like a piece of cake.
 - **Charm Packs** are made of 5" squares of coordinating fabric and may be tied up with a string or scrap of fabric.
 - **Candies** are 2.5" squares of fabric from a manufactured designer or fabric line.
 - **Turnover** is a collection of coordinating fabrics that are cut into 6" triangles.
 - **Fat Quarters** are ½ yard cuts of fabric which are cut in half to make a rectangle that is approximately 18" x 21". (One half yard of fabric yields 2 fat quarters). The "fat quarter" can be more economical to purchase for a smaller quilt because the purchaser does not have to buy the entire yardage width.
 - **Fabric Kit** is a collection of fabrics cut in large pieces to accommodate the requirements of a particular quilt pattern. The 4-H'er must cut out all of the smaller squares, rectangles, etc. to make the quilt top according to the pattern directions.

After fabric selection, youth can use a variety of tools for cutting the fabric and completing the quilt. Cutting into pattern pieces may include hand roller die cutting machines that cut particular shapes which can be applied to fabric. This is allowed in the construction of the quilt.

A quilted exhibit is made up of at least 3 layers. Exhibits must be quilted or tied through all layers.

Fleece blankets are not eligible in this division.

Quilts must have a permanent label on the back in the bottom right corner with quilter's name and date of completion.

Exploring Quilts

Classes - Premium 4

C229010 - Exploring Quilts- Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to: language arts, quilts of different cultures, chemistry, design, preservation, history, construction, math-conversion of quilt patterns, textiles/fabrics, computerization and entrepreneurship. History may include history of an old quilt or history/research of a particular style of quilt such as Baltimore album quilts or Amish quilts. Exhibit may be a 14" x 22" poster, notebook, CD, PowerPoint, Prezi, DVD, YouTube, or other technique. All items in an exhibit must be attached together and labeled. No quilted items should be entered in this class.

C229030 - Computer Exploration - Poster or notebook with a minimum of six computer generated quilt designs or color variations on a quilt design. Include information on type of program used, process used to generate designs, or how you used color to create different quilt designs. Size of poster or notebook should be suitable for the exhibit.

Quilt Design Other Than Fabric

Rules – Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Please note this is in the Home Design & Restoration information sheet located on page 53. Exhibits without supporting information will be dropped a ribbon placing.

Class - Premium 4

C229020 - Quilt Design Other Than Fabric – Two- or three-dimensional item with quilt design made using medium other than fabric, such as wooden quilt block, stained glass, paper etc.

Barn Quilts

Rules – Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Please note this is on the Home Design & Restoration Supporting information sheet located on page 53. Exhibits without supporting information will be dropped a ribbon placing.

Classes – Premium 4

C229021 – Barn Quilt – Created that is less than 4'x4'.

C229022 – Barn Quilt – Created that is 4'x4' or larger.

Quilted Exhibits

Please note the description of classes. They denote degree of difficulty in construction and not the number of years in the project. A quilted exhibit consists of 3 or more layers. All quilted exhibits must be quilted (machine or hand) or tied. All quilt piecing and finishing must be the sole work of the 4-H member. Quilting, whether machine or hand quilted, may be done by another individual, except for the Premier Quilt class. No pre-quilted fabric may be used. Wall quilts must have a hanging sleeve on the back of the quilt or some method for hanging. All quilted exhibits must be clean and finished for intended purpose. On a half sheet of 8 ½" x 11" paper, include an explanation answering the following questions: A) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? B) What did you do and what was done by others? C) What did you learn you can use on your next project?

Classes 40 – 42 – Premium 3

C229040 - Wearable Art - (SF208A) - Quilted clothing or clothing accessory which must have a recognizable amount of quilting and may include fabric manipulation. Quilting must be done by the 4-H member. On a half sheet of 8 ½" x 11" paper, tell how you selected the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.

C229041 - Inter-generational Quilt - (SF208E) - A quilt made by the 4-H member and family members or friends of different generations. On a half sheet of 8 1/2" x 11" paper, include an explanation answering the following questions: A) How was the quilt planned and who did what in the construction of the quilt? B) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you learn that you can use on your next project?

C229042 - Service Project Quilt - (SF208D) - A quilt constructed by a 4-H member or group to be donated to a worthy cause. On a half sheet of 8 ½" x 11" paper, include an explanation answering the following questions: A) Why was the quilt constructed and who will receive the donated quilt? B) How did you select the design and fabrics used including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you do and what was done by others? D) What did you learn that you can use on your next project?

Classes 50 – 52 – Pieced quilts made up of squares and/or rectangles.

C229050 - Small Premium 4 - length + width = less than 60". This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be quilted. Pillows must have a quilted top, not just pieced patchwork.

C229051 - Medium Premium 4 - length + width = 61" to 120"

C229052 - Large Premium 3 - length + width = over 120"

Classes 60 – 62 – In addition to any of the methods in classes 50 – 52, quilts may have triangles and/or may be embroidered.

C229060 - Small Premium 4 - length + width = less than 60". This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be quilted. Pillows must have a quilted top, not just pieced patchwork.

C229061 - Medium Premium 4 - length + width = 61" to 120"

C229062 - Large Premium 3 - length + width = over 120"

Classes 70 – 72 – In addition to any of the methods in classes 50-62, quilts may have curved piecing, appliqué, Celtic style, stained glass style, paper piecing, art quilt style (An art quilt is an original exploration of a concept or idea rather than the handing down of a "pattern". It experiments with textile manipulation, color, texture and/or a diversity of mixed media. An Art Quilt often pushes quilt world boundaries) or other non-traditional styles.

C229070 - Small Premium 4 - length + width = less than 60". This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be quilted. Pillows must have a quilted top, not just pieced patchwork.

C229071 - Medium Premium 4 - length + width = 61" to 120"

C229072 - Large Premium 3 - length + width = over 120"

Premiere Quilt

Entire quilt is the sole work of the 4-H member, including quilting (hand or machine). The youth may receive guidance but no one else may work on the quilt. Tied quilts are not eligible for this class.

Classes - Premium 3

C229080 - Hand Quilted

C229081 - Sewing Machine Quilted

C229082 - Long Arm Quilted - Non computerized/hand guided

C229083 - Long Arm Quilted - Computerized

Consumer Management

Consumer management helps participants learn more about how to make smart fiscal decisions and how to improve financial literacy. The different exhibits provide a variety of learning experiences for 4-H'ers. Participants in this category will emphasize setting smart goals and keeping a spending plan.

Resources: <https://go.unl.edu/ne4hconsumermanagement> or https://4hcurriculum.unl.edu/index.php/main/program_project/41

SHOPPING IN STYLE - Premium 6

The following Shopping in Style, Making Cents of It and My Financial Future exhibits will be judged on entry day at the 4-H Building.

Identify your body shape and select clothing to enhance it; Learn how clothing prices are determined and how to comparison shop; Analyze advertising; Experiment with removing stains.

Rules

If exhibit is a poster it should be on 14" x 22" poster board. If a three-ring binder is used it should be 8½" x 11" x 1". Video exhibits should be less than 5 minutes in length and be able to be played on a PC using Windows Media Player, Real Player, or QuickTime Player.

Classes

C240001 - Best Buy for Your Buck (Ages 8-13 before January 1 of the current year) – Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). Pages 1 and 2 of the Shopping in Style Fashion Show Form SF184 must be included with this exhibit. Do not include page 3 of the form, Shopping in Style Fashion Show Narration and Photo Information in your entry for this class. Form SF184 can be found on page 47. Although both entries do share some information, there are differences in content and format for this class.

Provide details about wardrobe inventory which indicates the following:

- Why you selected the garment you did
- Clothing budget
- Cost of garment
- Conclusion or summary statement(s) stating your final comments on why you selected your "best buy for your buck."
- Provide 3 color photos of you wearing the garment (front view, side view, back view).

C240002 – Best Buy for Your Buck (Ages 14-18 before January 1 of the current year) – Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). Pages 1 and 2 of the Shopping in Style Fashion Show Form SF184 must be included with this exhibit. Do not include page 3 of the form, Shopping in Style Fashion Show Narration and Photo Information in your entry for this class. Form SF184 can be found on page 47. Although both entries do share some information, there are differences in content and format for this class.

Provide details listed for those ages 8-13, shown above, plus include the following additions:

- Body shape discussion
- Construction quality details
- Design features that affected your selection
- Cost per wearing
- Care of garment
- Conclusion or summary statement(s) stating your final comments on why you selected your "best buy for your buck."
- Provide 3 color photos of you wearing the garment (front view, side view, back view).

C240003 - Revive Your Wardrobe – Take at least two items in your wardrobe that still fit, but that you don't wear anymore and pair them with a new garment or garments to make them wearable once again. Create a photo story which includes before and after photos and a description of what was done. Put in a binder, poster, or video (see general information).

C240004 - Show Me Your Colors – Select 6-8 color photos of you wearing different colors. Half should be what you consider to be good personal color choices and half should be poor personal color choices. Write a brief explanation with each photo describing your selections. Refer to the manual page 23 for more information. Entry should be a poster (see general information).

C240005 - Clothing 1st Aid Kit – Refer to page 73 of the manual and complete a clothing first aid kit. Include a list of items in the kit and brief discussion of why each was included. Put in appropriately sized box or tote with a lid. No larger than a shoe box.

C240006 - Mix, Match, & Multiply – Using this concept from page 32 of the manual take at least 5 pieces of clothing and create new outfits. Use your imagination to show various looks (i.e. on a clothes line, in a tree, on a mannequin). Include a brief discussion of each outfit which demonstrates what you have learned by completing this entry. Entry can be a binder, poster, or video (see general information).

MAKING CENTS OF IT – Premium 7

County Only Classes

C906901 - Read the story, "Money: A Rich History" by Jon Anderson, that can be checked out from the Extension office. Draw and label on an 8½" x 11" sheet of paper at least 5 different objects used as money before coins and paper currency were made using information on page 8 of the manual.

C906903 - Make a wants/needs poster (11" x 17") using the information on page 16 of the manual.

C906904 - Make a decorated bank (see page 28 of the manual)

MY FINANCIAL FUTURE - Premium 7

Learn about financial literacy; Set SMART Goals; Set financial goals; Keep a spending plan.

General Information: Entries should be typed and then attached to a piece of colored card stock or colored poster board (limit the size of the poster board or card stock to 14" x 22" or smaller). You may use the front and back of the poster board.

Classes

C247001 – Write 3 three SMART financial goals for yourself – one should be short term, one intermediate and one long term. Explain how you intend to reach each goal you set.

C247002 – Income Inventory – Using page 13 as a guideline, list sources and amounts of income you earn/receive over a six-month period. Answer the following questions: What were your income sources? Were there any steady income sources? What did you do with the income you received? Include your income inventory in the exhibit.

C247003 – Tracking Expenses – Use an app or chart like the one on page 17 to track your spending over 2 months. Answer the following questions: What did you spend most of your money on? What did you learn about your spending habits? Will you make any changes in your spending based upon what you learned? Why or why not? Include your chart in your exhibit.

C247004 – Money Personality Profile – Complete the money personality profile found on pages 21-22. Answer the following questions: What is your money personality? How does your money personality affect the way you spend/save money? Have a friend or family member complete the money personality profile. Compare and contrast (how are you alike how are you different) your money personality profile with theirs.

C247005 – "What Does It Really Cost?" – Complete Activity 8 on pages 39-40.

C247006 – My Work; My Future – Interview three adults in your life about their careers or jobs using the questions on page 51 and record their answers. In addition, answer the following questions on your display. What did you find most interesting about these jobs? Were there any positions you might want to pursue as your career? Why/why not? What careers interest you at this point in your life? What are three steps you need to do now to prepare for this career?

C247007 – Interview – Interview someone who is paid a salary; someone who is paid a commission; and who is paid an hourly wage. Have them answer the following questions plus any additional questions you may have.

*What are some benefits of receiving your pay the way you do (salary, commission, or hourly wage)?

*What are some negative outcomes for getting paid the way you do?

*Does your pay keep pace with inflation? Why do you think this?

Summarize: Based upon your interviews which payment method would suit you the best? Discuss your answer.

C247008 – The Cost of Not Banking – Type your answers to the questions about Elliot on page 50.

C247009 – Evaluating Investment Alternatives – Complete the case study of Jorge on page 64. Answer all three questions found at the bottom of the page.

C247010 – Understanding Credit Scores – Watch the video and read the resource listed on page 71. Answer the following questions.

*Name 3 prudent actions that can reduce a credit card balance.

*What are the main factors that drive the cost of credit?

*List one personal financial goal that you could use credit or collateral to purchase. Discuss possible consequences that might happen with improper use of credit for your purchase.

C247011 – You Be the Teacher – Create an activity, story board, game or display that would teach another youth about "Key Terms" listed on page 62. Activity/display must include at least five (5) of the terms.

Fashion Show - Premium 5

The 4-H Fashion Show is an opportunity for youth to showcase their clothing construction and consumer management skills.

Construction garment exhibitors are judged on fit, construction, poise and overall look of the garment on the individual. Shopping in Style exhibitors are judged on garment fit, the overall look of the outfit and poise as well as record keeping skills in the written report.

Each exhibitor may model three garments, each garment must be from a different class in the Fashion Show. Interview judging will take place on Clothing Day. Times will be scheduled and emailed to contestants. Exhibitors MUST participate in both the Fashion Show judging and the Fashion Show to receive a ribbon and premium in Fashion Show. Narration forms must be completed and turned in to the Extension Office prior to Clothing Day.

Resources: <https://go.unl.edu/ne4hfashionshow>

RULES

4-H exhibitors modeling constructed garments will be judged for Construction/Fit, Selection/Creativity and Individual Modeling/Accessories in front of a judge. Those 4-H exhibitors modeling Shopping in Style garments will be evaluated in front of a judge for modeling skill, fit, and appearance of the outfit and accessories, worth 60% of the score. Judging of the completed Shopping in Style Fashion Show Form SF184, revised 2/2018 will be done at the same time as the county fashion show judging. Form SF184 is worth 40% of the total score and is judged on content, completeness, accurate information, and neatness.

Garments modeled in the 4-H Fashion Show cannot be entered as Clothing Construction Exhibits at the Nebraska State Fair.

Garments should be age appropriate.

Entries not accepted – The following items cannot be entered in the State Fair 4-H Fashion Show.

1. Textile clothing accessories – Allowed as a county only entry in STEAM 1
2. Garments containing inappropriate language or images.

State Fair Special Awards

4-H Design Gallery – Up to 4 constructed garments will be selected for display in the 4-H Design Gallery at the Nebraska State Fair.

Make It With Wool – All garments with at least 60% wool content will be considered for the Make It With Wool Award at the Nebraska State Fair.

Shopping in Style Fashion Show Award – Up to 2 Shopping in Style exhibitors will be selected to receive top awards.

Classes

C410010 - Modeled “Beyond the Needle” Embellished Garment(s) with an Original Design – Garment is created using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-H member using the elements and principles of design to make an original statement.

C410015 - Modeled “Beyond the Needle” Garment Constructed From Original Designed Fabric – Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.

C410020 - Modeled “Beyond the Needle” Textile Arts Garment(s) - Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

C410025 - Modeled “Beyond the Needle” Wearable Technology Garment – Garment has integrated technology into its design.

C410030 - Modeled Constructed STEAM Clothing 2 Garment(s) – 4-H members who have exhibited in STEAM Clothing 3 projects are not eligible to exhibit in STEAM Clothing 2. Possible types of STEAM Clothing 2 garments include:

- Dress
- Romper or Jumpsuit
- Two-Piece Outfit Combination (skirt with top, vest or lined/unlined jacket; jumper and top; pants or shorts outfit (pants or shorts with top, vest, lined/unlined jacket). Or a purchased top can be worn to complete a vest or lined/unlined jacket outfit with a constructed bottom.
- Upcycled Outfit Combination – must contain a complete constructed outfit (examples: if the top is upcycled, must include a constructed bottom, upcycled dress).

C410040 - Modeled Constructed STEAM Clothing 3 Garment(s) - Possible types of STEAM Clothing 3 garments include:

- Dress or formal
- Skirted Outfit Combination (skirt with top, vest, lined/unlined jacket or jumper and shirt). A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts.
- Pants or Shorts Outfit Combination (pants or shorts with top, vest, or lined/unlined jacket). A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts.
- Romper or Jumpsuit
- Specialty Wear (swim wear, costumes, western wear chaps, chinks, riding attire or hunting gear)
- Non-Tailored Lined or Unlined Jacket or Coat, additional pieces with jacket or coat may either be constructed or purchased
- Tailored Coat, Blazer, Suit Jacket, or Outerwear - Additional pieces with coat, blazer, jacket, or outerwear may either be constructed or purchased.
- Upcycled Outfit Combination – must contain a complete constructed outfit (examples: if the top is upcycled, must include a constructed bottom, upcycled dress).

C410050 - Modeled Knitted or Crocheted Clothing (Level 2 or 3) - Knitted garment using pattern stitches such as diamond, block, twist or seed/moss stitches or advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle. Crocheted garment using pattern stitches such as texture, shell, cluster or mesh stitches or advance crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches. The garment can be a sweater, cardigan, dress, coat, a top and bottom or a two-piece ensemble.

C410060 - Modeled Shopping in Style Purchased Outfit and Written Report SF184 - The curriculum is developed and designed for youth ages 10 and older to help them strengthen their consumer skills when purchasing clothing. Participants must model a complete outfit. All pieces of the garments must be purchased. 4-H Shopping in Style Fashion Show form SF184 can be found on page 47.

DEPARTMENT C - COUNTY ONLY FASHION SHOW - Premium 6

Judging – Interview judging times will be scheduled and mailed/mailed to contestants.

County Only Classes

C904901 – STEAM 1

C904902 – STEAM 2 – Other

C904903 – STEAM 3 – Other

C904904 – Beyond the Needle

C904905 – Upcycled Garment

C904906 – Quilt Quest – Class 40 wearable art

C904907 – Make It For Fun – Entry will be judged, but is not eligible for trophies.

C904908 – Knitted or Crocheted Garment – Combined with sewn or purchased garment(s) to make a complete wearable outfit, Unit I.



4-H SHOPPING IN STYLE FASHION SHOW

WRITTEN REPORT with NARRATION

(This written report is worth 40 percent of the Fashion Show scoring.)

Your *SHOPPING IN STYLE* entry must be a complete outfit. All parts of the outfit must be purchased the current project year. Accessories already owned can be used to complement/finish the outfit.

Name: _____ **County You Represent:** _____

Address: _____ **Phone:** _____ **Age (January 1):** _____

City/State: _____ **Zip:** _____ **E-mail address:** _____

What are your wardrobe needs? How does this outfit meet those needs? _____

For what type of activities will this outfit be worn? _____

Describe the garment(s) you purchased for your *Shopping in Style* project. Include details about style, color and fabric. _____

Describe your figure type? _____

How does this outfit complement your figure type? _____

Describe personal coloring (skin, hair, eyes). How does this outfit enhance your personal coloring?

Describe the workmanship. What makes your garment a good quality? _____

List fiber content and care instructions for each purchased item. Explain why the care is acceptable to you. _____

Cost per wearing (outfit, e.g., shirt/blouse, pants/skirt, jacket, dress, coat, etc.)

Figure cost per wearing for entire outfit or for each individual piece if parts will be worn individually. Estimate how many times in one year each purchased garment will be worn. (Think about whether you would *really* wear an item once a week for 52 weeks, for example.) Divide the item cost by the number of wearings for an estimate of the cost per wearing to help decide if the purchase was really a good buy for the purpose.

1. _____ \$ _____ ÷ _____ = \$ _____
 Item Cost of item Estimated times item will be worn in one year Cost of item per wearing
2. _____ \$ _____ ÷ _____ = \$ _____
 Item Cost of item Estimated times item will be worn in one year Cost of item per wearing
3. _____ \$ _____ ÷ _____ = \$ _____
 Item Cost of item Estimated times item will be worn in one year Cost of item per wearing
4. _____ \$ _____ ÷ _____ = \$ _____
 Item Cost of item Estimated times item will be worn in one year Cost of item per wearing

What is the total cost of your outfit? Identify garments and include cost with sales tax for items purchased for this year's *Shopping in Style* project.

<u>Individual Item</u>	<u>Cost</u>	<u>Individual Item</u>	<u>Cost</u>
_____	\$ _____	_____	\$ _____
_____	\$ _____	_____	\$ _____
Total Cost of Outfit (Items purchased for this project) \$ _____			

What accessories (shoes, jewelry, etc.) will be worn to give a total finished look to your outfit? Were accessories an additional cost? _____

What makes each purchased garment a good addition to your wardrobe? _____

Purchase Justification Summary - Explain in several sentences why the purchase(s) were a good choice in relation to: 1) fit, 2) quality, 3) cost, 4) care and 5) garment use.

Do not add additional pages
Page 2 of 3

SHOPPING IN STYLE FASHION SHOW NARRATION & PHOTO INFORMATION

County: _____

Name: _____

Phonetic Pronunciation of Name:

Address: _____

City/State: _____

Zip: _____

Phone: _____

E-mail Address: _____

PHOTO

Please attach a photo of you wearing the outfit.
(print, digital, or photocopy is acceptable)

****Photo is not needed for County Fashion Show****

Narration: In 60 words or less, write a script about you and your outfit to aid the scriptwriter. Please emphasize fashion trends, not a detailed description of your outfit. Following are two examples of the kind of script envisioned:

After inventorying her wardrobe, Jane Smith, of Joy County, decided khaki pants and a fashionable top would be good additions to her closet. Jane purchased her khaki pants on sale, for a \$15 savings. The navy top was reduced to 50% off the original price. Both pieces will add zest to Jane's school time wardrobe.

Paul Prince of Palace County couldn't pass up this navy suit he discovered on sale for 40% off. This sophisticated navy suit is made of 100% wool. The tailored fit is perfect for this high school senior, who will be a starter on his basketball team in November.

Home Design & Restoration

The purpose of Home Design & Restoration is to learn design principles and develop graphic design techniques. In addition, activities in this category encourage well-thought-out design plans and diverse artistic techniques. Be sure to take note of the rules section to develop a successful project.

Apply color and design principles using different materials to make and display objects for your home; Develop original designs; Plan a comfortable, clean, attractive home; Make connections between visual arts and other disciplines; Explore ways to make your house more green; Learn new painting techniques; Design or select furniture, fabric, and storage items for your room; Accessorize a room-design or select unique items such as wall art, wall arrangements, or lamps; Recognize factors that make antiques valuable; Refurbish and restore heirloom or heritage furnishings and accessories; Preserve family heirlooms.

Resources: https://4hcurriculum.unl.edu/index.php/main/program_project/48

Home Design & Restoration exhibits are evaluated by these criteria:

- 1) Items must be designed to be used for home decorating, home furnishing or home management (no clothing, purses, note cards, scrapbooks/photo albums, etc.)
- 2) Accessories should be of high quality (as compared to quick, simple crafts) suitable for use in the home several months throughout the year. Holiday specific items are discouraged. Exhibits made from kits are also discouraged as kits limit decision making in the design process.
- 3) Items should show creativity and originality, along with the application of design elements and principles. Youth are required to include the design elements and principles they used, along with a simple explanation of how they designed their project with their exhibit. Information on the elements and principles of design may be found in the Design Decisions manual, as well as Portfolio Pathways and Sketchbook Crossroads.
- 4) Entered in correct class: What medium was changed or manipulated? What medium is the majority of your exhibit made from?
- 5) Items should be ready for display in the home: pictures framed, wall hangings and pictures ready to hang, etc. No single mat board or artist canvas panels allowed. Wrapped canvas (if staples not visible on edge) is accepted without framing. Make sure hangers are strong enough to support the item. Command Strips are not adequate hangers. Items not ready for display will be dropped one ribbon placing.
- 6) Items should not be made for beginning level or other projects (ex: simple (10 minute) table runners or woodworking). Exhibits from the beginning level projects, Design My Place, are county only and not State Fair eligible.
- 7) **Size of Exhibits:** Exhibits may be no taller than 7 feet and no wider than 6 feet. All exhibits must be easily lifted by two 4-H staff.

Identification - In addition to the entry tag, a label with the exhibitor's name and county should be attached to each separate piece of the exhibit.

Supporting Information – Supporting information is required for all exhibits. Information must include the elements or principles of design used and steps taken to complete the project. A Home Design & Restoration Information sheet can be found at <https://go.unl.edu/ne4hhomeenvironment> on page 53 that may be used for this requirement. Exhibits without supporting information will be dropped a ribbon placing.

Special exhibits will be selected for the Design Gallery at the Nebraska State Fair from this project area.

DESIGN DECISIONS - Premium 6

Attach information to explain steps taken. Information must also include element or principle of design used. (p. 9-12)

Classes

C257001 - Design Board for a Room - Include: color scheme, wall treatment, floor treatment, etc. or floor plan for a room. Posters 22" x 28" or multimedia presentation (on CD). Show what you learned with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc.

C257002 - Problem Solved, Energy Savers or Career Exploration – Identify a problem (such as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) or explore a career related to home environment (what would it be, what education is needed, what would you do, etc.) Using poster, notebook, multimedia presentation (on CD) or other method, describe the problem and how it was solved or your career exploration (p. 74-93).

C257003 - Solar, Wind or Other Energy Alternatives for the Home – Can be models, either an original creation or an adaptation of kit. If kit, label and explain what was learned and how the item could be used in or on exterior of home (p. 74-93).

C257004 - Technology in Design – Incorporate technology into a project related to home environment; for example, using conductive thread to create a circuit that enhances a wall hanging.

C257006 - Window Covering – May include curtains, draperies, shades, shutters, etc.

C257007 - Floor Covering – May be woven, braided, painted floor cloth, etc.

C257008 - Bedcover - May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the quilting. No fleece tied exhibits. (p. 50-53).

C257009 - Accessory Original Needlework/Stitchery

C257010 - Accessory Textile 2D – Table cloth or runner, dresser scarf, wall hanging, etc. No tied fleece blankets or beginning/10 minute table runners.

C257011 - Accessory Textile 3D – Pillows, pillow shams, fabric bowls, etc. No fleece tied exhibits.

C257012 - Accessory 2D

C257013 - Accessory 3D – String art, wreaths, etc.

C257014 - Accessory Original Floral Design

For classes 15-18, determine entry by what medium was manipulated

C257015 - Accessory Original made from Wood – Burn, cut, shape or otherwise manipulate.

C257016 - Accessory Original made from Glass – Etch, mosaic, stain, molten or otherwise manipulate.

C257017 - Accessory Original made from Metal – Cut, shape, punch, sculpt, reassemble or otherwise manipulate.

C257018 - Accessory Original made from Ceramic or Tile – Treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.

C257019 - Accessory Recycled/Upcycled Item for the Home – Reuse a common object or material in a creative way. Include description of what was done to recycle or reuse the item in your attached information.

C257020 - Furniture Recycled/Remade – Made or finished by using a common object or material in a creative way. Include description of what was done to recycle or reuse the item in your attached information.

C257021 - Furniture – Wood opaque finish such as paint or enamel.

C257022 - Furniture – Wood clear finish showing wood grain.

C257023 - Furniture Fabric Covered - May include stool, chair seat, slip-covers, headboard, etc.

C257024 - Furniture Outdoor Living – Furniture made/refurbished suitable for outdoor use. Include description of what was done to recycle or reuse item in your attached information. Note: May be displayed outside at State Fair.

C257025 - Accessory Outdoor Living – Accessory made/refurbished by 4-H member suitable for outdoor use. Include description of what was done to recycle or reuse item in your attached information. Note: May be displayed outside at State Fair.

HEIRLOOM TREASURES & FAMILY KEEPSAKES - Premium 4

This project area is for items with historic, sentimental or antique value that are restored, repurposed or refinished to keep their original look and value. It is not for “recycled” items. For example, a bench would be considered an heirloom if the original finish is restored, but if decorated by painting it would be considered recycled. Entering highly valuable items (especially small ones) is discouraged, as exhibits are not displayed in closed cases. NOTE: Resources to support this project area are available on the 4-H website.

Attach information including:

1. List of steps taken to complete your project. Before and after pictures are encouraged.
2. Keepsakes documentation: How you acquired the item and the history of the item may be written, pictures, audio or video tape of interview with family member, etc.

Classes

C256001 - Trunks - Including doll-sized trunks or wardrobes.

C256002 - An Article Either a Repurposed "Treasure" (accessory) From an Old Item or an Old "Treasure" (accessory) Refinished or Renovated. May include a display of a collection or collectibles, being careful not to destroy the value of the collection.

C256003 - Furniture - Either a repurposed "treasure" from an old item or an old "treasure" refinished or renovated. May include doll sized furniture.

C256004 - Cleaned and Restored Heirloom Accessory or Furniture - A reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed and simple repairs made. Item would not be refinished or repainted, but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult Extension Publication Care and Conservation of Heirloom Textiles for information on textiles. This publication can be found in the Digital Commons at: <https://go.unl.edu/gcnh>. Refinished items go in classes 2-3. This class is for situations where it may be best to do very little to the item to maintain its antique value. Item or article should be of complexity suited to an advanced project.

DESIGN MY PLACE – Premium 7

Apply color and design principles using different materials to make and display objects for your home; Develop original designs; Plan a comfortable, clean, attractive home; Make connections between visual arts and other disciplines.

Resources - https://4hcurriculum.unl.edu/index.php/main/program_project/48

Must be items for the home.

County Only Classes

C907901 - Needlework Item – Made with yarn or floss

C907902 - Simple Fabric Accessory – Examples include a pillow, laundry bag, pillowcase, table runner, etc.

C907903 - Accessory – Made with original batik or tie dye

C907904 - Simple Accessory Made using Wood

C907905 - Simple Accessory Made using Plastic

C907906 - Simple Accessory Made using Glass

C907907 - Simple Accessory Made using Clay

C907908 - Simple Accessory Made using Paper

C907909 - Simple Accessory Made using Metal Tooling or Metal Punch

C907910 - Storage Item – Made or recycled

C907911 - Bulletin or Message Board

C907912 - Problem Solved – Use a creative method to show you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan, etc).

C907913 - Video – Showing how to make a bed, organize a room, or the steps you used to make your simple accessory

Home Design & Restoration Information

Name _____ County _____

Check elements and principles used in your exhibit

Elements of Design - The building blocks of design.

___ Color ___ Texture

___ Shape/Form ___ Line ___ Space

Principles of Design - How you used the elements to make your project.

___ Rhythm/Repetition ___ Balance

___ Emphasis ___ Unity ___ Proportion

Steps taken to complete this exhibit:
(Use back of card)

Home Design & Restoration Information

Name _____ County _____

Check elements and principles used in your exhibit

Elements of Design-The building blocks of design

___ Color ___ Texture

___ Shape/Form ___ Line ___ Space

Principles of Design - How you used the elements to make your project.

___ Rhythm/Repetition ___ Balance

___ Emphasis ___ Unity ___ Proportion

Steps taken to complete this exhibit:
(Use back of card)

Home Design & Restoration Information

Name _____ County _____

Check elements and principles used in your exhibit

Elements of Design - The building blocks of design.

___ Color ___ Texture

___ Shape/Form ___ Line ___ Space

Principles of Design - How you used the elements to make your project.

___ Rhythm/Repetition ___ Balance

___ Emphasis ___ Unity ___ Proportion

Steps taken to complete this exhibit:
(Use back of card)

Home Design & Restoration Information

Name _____ County _____

Check elements and principles used in your exhibit

Elements of Design-The building blocks of design

___ Color ___ Texture

___ Shape/Form ___ Line ___ Space

Principles of Design - How you used the elements to make your project.

___ Rhythm/Repetition ___ Balance

___ Emphasis ___ Unity ___ Proportion

Steps taken to complete this exhibit:
(Use back of card)

Visual Arts

With an emphasis on originality, the purpose of the 4-H Visual Arts projects is to practice using design elements and principles while exploring and experimenting with various mediums and techniques. In addition, youth should practice self-expression and work to communicate their personal voice through their work.

Practice drawing, fiber arts, and sculpting; Develop artistic talents and skills; Understand the visual arts in relation to history and culture; Learn painting, printing, and graphic design techniques; Make connections between visual arts and other disciplines; create original artwork; practice using design elements and principles; explore and experiment with various mediums and techniques; practice self-expression; learn to communicate a personal voice through artwork.

Resources: https://4hcurriculum.unl.edu/index.php/main/program_project/51

Rules:

1. Original Work – Items must be the original work of the 4-H member and should show creativity and originality. No copyrighted images or master studies.
2. Ready for Professional Display – All exhibits must be presented appropriately for the medium(s) used and ready to be professionally displayed. 2-dimensional pieces on paper should be framed behind glass/plexiglass. Canvas boards should be framed but glass/plexiglass is not necessary. Stretched canvases do not need frames as long as staples are not visible on edges. All 2-dimensional pieces should be ready to hang using a sawtooth or wire hanger.
3. Entry Descriptions – Entry tags should include a visual description of the exhibit, including size, dominant color and subject to aid in identification. You will enter this description in ShoWorks/Fairwire which will be printed on the entry tag.
4. Supporting Information – Supporting information is required for all Visual Arts exhibits. Information must include responses to all questions and steps taken to complete the project. Supporting information must be securely attached to the back of the piece. The Visual Art Supporting information form can be found at <https://go.unl.edu/ne4hvisualarts> and on page 57. Exhibits with missing or incomplete supporting information will be dropped a ribbon placing.
5. Classes – Exhibits must be entered in the appropriate class based on the medium(s) used or theme. Supporting information may provide evidence or justification for the piece being entered in a specific class.

Nebraska State Fair Special Awards – On-Campus Exhibition: State Fair visual arts exhibits may be selected for special on-campus exhibitions. Selected pieces will be collected at the end of the State Fair and will be returned to county Extension office following the on-campus exhibition. Youth whose pieces are selected will be contacted directly with additional information including the exhibition and reception dates.

VISUAL ART MEDIUMS - Premium 6

Attach the Visual Art Supporting Information form found on page 57 including steps taken to complete the exhibit.

Classes

C260001 - Original Acrylic Painting

C260002 - Original Oil Painting

C260003 - Original Watercolor Painting

C260004 - Original Pencil Drawing

C260005 - Original Charcoal Drawing

C260006 - Original Ink Drawing

C260007 - Original Fiber Art – Could include weaved are, dyed fabric, felted wool, cotton linter, batik, etc.

C260008 - Original Sculpture – Could include Styrofoam, wood, cardboard, paper, metal, wire, etc.

C260009 - Original Ceramic Pottery – No purchased ceramic pottery. Must be glazed and fired. May be any hand-built technique or wheel thrown. May be functional or non-functional. Could include slab built, pinch pots, coil built, wheel thrown, etc.

C260010 - Original Painting on Purchased Ceramic Surface – No hand-built or wheel thrown pottery. May be functional or non-functional. Could include figurines, cups, bowls, etc.

C260011 - Original Single Media Not Listed – Could include digital art, leathercrafting, printmaking, stained glass, pastels, scratchboard, sand painting, encaustic painting, chalk, etc.

C260012 - Original Mixed Media – Could include any combination of two or more other mediums or materials.

VISUAL ART THEMES - Premium 6

Exhibits may utilize any medium or combination of mediums on any surface. All exhibits must be appropriately presented and ready to be professionally displayed. Artwork should depict the artist's own interpretation of the theme. All exhibits should include an explanation of how the piece reflects the theme and what ideas or thoughts the artist was attempting to express or communicate.

Attach the Visual Art Supporting Information form found on page 57 including steps taken to complete the exhibit.

Classes

C261001 - Original Art Inspired by Plants or Animals – Could involve but is not limited to domestic animals, pets, agriculture, wild animals, wildlife conservation, house plants, fruit, vegetables, flowers, native plants, trees, etc.

C261002 - Original Art Inspired by Landscapes – Could involve but is not limited to rural landscapes, natural environments, man-made environments, urban landscapes, extraterrestrial landscapes, oceanic scenes, buildings, fantasy landscapes, agricultural landscapes, etc.

C261003 - Original Art Inspired by People – Could involve but is not limited to cultural art, modern society, portraits, daily life, careers, families, emotions, etc.

C261004 - Original Art Inspired by Artist's Choice – Could involve but is not limited to food, cars, fantasy worlds, imaginary characters, science fiction, history, etc.

Visual Art Supporting Information
(updated 2023)

Name _____ Age _____ County _____

Class _____ Artwork Title _____

Reflection

1. Discuss your use of the elements and principles in this piece. Which specific elements and/or principles did you focus on while planning and creating this piece? Why?

2. Where or how did you find the inspiration or references for your artwork, such as other artwork, reference photos, ideas? What did you do to make this unique and original, rather than copying other's ideas or creations?

Process – Outline your creative process and the steps you took to complete this piece. Include special or unique materials, tools, or techniques used.

Entrepreneurship

Entrepreneurship exhibits help participants develop an entrepreneurial mindset. An entrepreneurial mindset is needed to tackle social issues as well as explore new business opportunities.

Learn about entrepreneurs; Take Entrepreneur Skills Assessment; Investigate the risks; Learn about the importance of reputation; Sell your product or idea; Learn about a business plan; Develop a concept; Find resources; Learn about business start up; Working knowledge of entrepreneurship; Understand financials and feasibility; Understand marketing principles, including global markets; Understand what it takes to be in business.

Exhibit Guidelines - The 4-H member's name, age, town and county must be listed on the back of the exhibit. Entry cards should be stapled or taped (not paper-clipped) to the upper right-hand corner of posters. If exhibit is a poster it must be 14" x 22" and may be arranged either horizontally or vertically. Poster may not use copyrighted materials, such as cartoon characters or commercial product names. Exhibits which do not conform to size or content guidelines will be lowered one ribbon placing. Posters may include photographs, charts or examples as well as a written explanation.

Resources: <https://go.unl.edu/ne4hentrepreneurship> or https://4hcurriculum.unl.edu/index.php/main/program_project/93

Entrepreneurship Investigation - Premium 7

Classes

F531001 - Interview an Entrepreneur - Share what you learned from the person about having an entrepreneurial mindset. How have they applied that mindset? Have they started a business? Are they tackling a social issue? How do they deliver excellent customer service? How will what you have learned through this interview change your future plans or ways of thinking about entrepreneurship? The summary of the interview should be typed and with a maximum length of two pages (12 pt. font). Enter exhibit in a folder with fasteners (no slide bars).

F531002 - Social Entrepreneurship Presentation - Prepare a five slide power point presentation about a social entrepreneurship venture to benefit a group or individual in your community. Social entrepreneurs are people who are in business to help others. Submit a print out of the note pages which show each slide and include an explanation of each slide. Enter exhibit in a folder with fasteners (no slide bars).

F531003 - Marketing Package (mounted on a 14" x 22" poster) - Must include at least three items (examples) developed by the 4-H'er from the following list: business card, brochure, advertisement, business promotional piece, printout of an internet home page, packaging design, signs, logo design, direct mail piece, etc. The marketing package should be for an original business developed by the 4-H'er and not an existing business.

F531004 - Sample of an Original Product - With an information sheet (8½" x 11") answering the following questions:

1. What did you enjoy the most about making the product?
2. What challenges did you have when making the product?
3. Would you do anything differently next time? If so, what?
4. What is the suggested retail price of the product? How did you decide on the price?
5. Market analysis of the community – data gathered through a survey of potential customers. Survey at least 10 people in your community about your product.
6. How much would you earn per hour? Show how you determined this figure.
7. What is unique about this product?

F531005 - Photos of an Original Product – (mounted on a 14" x 22" poster) must include three photos of developed product and a mounted information sheet answering the following questions. If exhibiting in both Class F531004 and Class F531005, products must be entirely different products.

Information Sheet:

1. What did you enjoy the most about making the product?
2. What challenges did you have when making the product?
3. Would you do anything differently next time? If so, what?
4. What is the suggested retail price of the product?
5. How did you decide on the price?
6. Market analysis of the community – data gathered through a survey of potential customers. Survey at least 10 people in your community about your product.
6. How much would you earn per hour? Show how you determined this figure.
7. What is unique about this product?

F531006 – Entrepreneurship Challenge – Take on the entrepreneurship challenge. Complete five (5) or more of the challenges from the following list. The exhibit will include highlights from these five (5) challenges. Consider labeling each challenge so the viewer will understand what the challenge was. Enter a poster, video (or other digital presentation), report or scrapbook related to the learning from the challenge. Use your creativity to show and share what you learned. Select five (5) challenges from the list below:

- Sell something.
- Talk to local leaders about entrepreneurial thinking and how it is being applied or could be applied to a current community issue.
- Introduce yourself to a local entrepreneur and take a selfie with them.
- Be a detective! Look for Nebraska made products and find out more about the business.
- Tour 2-3 entrepreneurial businesses and create a photo story.
- Investigate what it takes to be an entrepreneur and complete a skills assessment.
- Make a prototype (sample/model) of a new product idea. Include the prototype or a photo of the prototype.
- Work with a friend to develop a new business idea!
- Contact your local Extension office to learn about entrepreneurship opportunities.
- Create an activity to teach others about entrepreneurship (color page, puzzle, game, etc.).

ENVIRONMENTAL EDUCATION & EARTH SCIENCE

Conservation, Wildlife & Shooting Sports

Conservation, Wildlife and Shooting Sports gives 4-H members an opportunity to share their knowledge and field experience about conservation, wildlife, and shooting sports. When creating an exhibit make sure to pay close attention to the rules while taking into account the different laws that surround those areas.

General Rules:

1. **Only one entry per class, per exhibitor may be entered.**
2. **Show What You Did & Learned:** All exhibitors must show evidence of their personal field experiences, study or observations that relate to their exhibit. This helps judges understand what the 4-H'er did and learned in the process that led to the exhibit.
3. **Proper Credit:** Show proper credit by listing the sources of plans or other supporting information used in exhibits.

Example to attach to your exhibit

Name: Chris Clover

County: Clover County

Age: 10

Field Experience, Study, or Observations:

I attended a 4-H workshop where we put out a food plot, and then made turkey calls. We played a game about attracting turkeys. Sometimes we acted like a female to draw in a tom turkey. Sometimes we acted like a lost baby turkey to call in a whole flock. I was able to use my turkey call and play the game successfully. While I never turkey hunted in person, I went on-line to research more turkey calls. I hope to turkey hunt someday, and I want to use a box call to hunt fall turkeys.

Credits/Source:

Information was obtained from Nebraska Game & Parks website

4. **Whose Exhibit?:** The exhibitor's name, county, and age must be on the back or bottom of all displays.
5. **Wildlife & Wildlife Laws:** "Animal" or "wildlife" in the following classes includes wild fish, amphibians, reptiles, birds or mammals. Please make sure you are following all wildlife laws. Domestic animal (i.e. domestic livestock or house pets) and insect exhibits are not appropriate for this area.
6. **Project Materials:** Related project booklets include Exploring Your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 59381), Fishing for Adventure project manuals, Wildlife Conservation (4-H 125), Geology and Outdoor Adventure. Other resources include: Outdoor Skills: Learning Science in the Outdoors series (Science Signature Outcome Program) outdoornebraska.gov/afterschool/ and www.whep.org.
7. **Board and Poster Exhibits:** Mount all board exhibits on ¼" plywood, Masonite or similar panel no larger than 24" high x 24" wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22" by 28"), but half size, 22" by 14", is recommended.
8. **Exhibit Size:** Exhibits other than poster/display board should not exceed 48" x 48" and be able to be moved by two people.

Resources

<https://go.unl.edu/ne4hconservation-wildlife-shooting>

22 Rifle

https://4hcurriculum.unl.edu/index.php/main/program_project/186

Air Pistol

https://4hcurriculum.unl.edu/index.php/main/program_project/187

Air Rifle

https://4hcurriculum.unl.edu/index.php/main/program_project/188

Archery

https://4hcurriculum.unl.edu/index.php/main/program_project/189

BB Gun

https://4hcurriculum.unl.edu/index.php/main/program_project/190

Hunting Skills

https://4hcurriculum.unl.edu/index.php/main/program_project/191

Muzzleloader

https://4hcurriculum.unl.edu/index.php/main/program_project/203

Shotgun

https://4hcurriculum.unl.edu/index.php/main/program_project/192

Smallbore Pistol

https://4hcurriculum.unl.edu/index.php/main/program_project/193

Wildlife and How They Live – Premium 6

Rules – Classes 1-4 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat or related conservation. No domestic livestock, pets, or insect allowed. For more ideas, refer to project booklets. Remember to look at General Rules for this area.

Classes

D340001 - Mammal Display – Examples: Life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.

D340002 - Bird Display – Examples: Life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.

D340003 - Fish Display – Examples: Life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.

D340004 - Reptile or Amphibian Display – Examples: Life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.

D340005 - Wildlife Connections - Board or poster exhibit. The purpose of this display is to show interconnections and related aspects among animals, plants and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals or between animals and their habitat. Displays might show how animals interact with other animals, with people or with their habitat.

Examples:

1. Food chain display. Use pictures, drawings, or other items to illustrate the source of food energy and where it goes - who eats whom or what. Use arrows to show the direction of the energy (food) flow.
2. Show the role of predators, scavengers, insect eaters or others in nature.
3. Show how wildlife numbers (populations) change through the year.
4. Show predation, competition or other behavioral interactions of wildlife.
5. Choose one kind of wildlife and make observations through a season or year, keep notes of interactions, then make a display of what you saw.

D340006 - Wildlife Tracks - Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. There are 3 options. For all options, include a brief description of your experiences in making the tracks so the judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred.

1. Option 1 should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR)
2. Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat and what may eat the animal. (OR)
3. Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.

D340007 - Wildlife Knowledge Check - Use electrical circuits, pictures or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Plan size and shape to fit transportation and display; maximum size 24" x 24".

D340008 - Wildlife Diorama - Exhibit must be no larger than 24" x 24". The exhibit might show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland and/or other area with wildlife habitat. Example: show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, mourning doves, cottontail rabbits, fox, squirrels, Northern cardinals or blue jays. Label the habitats displayed and show at least five kinds of wildlife in their proper habitats.

D340009 - Wildlife Essay - Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values of wildlife. You might write about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about ethics, proper behavior in the outdoors, hunting or fishing. The essay is between 100 and 1000 words long and typed, double spaced on 8½ x 11 paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.

D340010 - Wildlife Values Scrapbook - Make a scrapbook about the various values of wildlife. This would include aesthetic, scientific, commercial, game, genetic and/or ecological. One resource would be the Wildlife Conservation project booklet (4-H 125).

D340011 - Wildlife Arts - The purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, wood carvings, painted duck decoys, or songs or poems written by the exhibitor. Entries must be appropriate for fair display and no larger than 24" x 24". For example, paintings or photographs should be displayed in notebook format or mounted on a sturdy display panel. All entries must include a title and brief explanation of the purpose or message (what is the exhibit meant to show).

WILDLIFE HABITAT - Premium 6

Please refer to General Rules for more information.

Classes

D342001 - Houses - Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size, etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences. Tips: Check NebGuide on bird houses and shelves.

D342002 - Feeders/Waterers - Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder is okay; no insect feeders. Include the following information: 1) the kinds of animal(s) for which the waterer/feeder is intended, 2) where or how the waterer/feeder should be located for best use, 3) any seasonal maintenance needed and 4) any evidence of your personal observations or experiences. Tips: Check NebGuide on feeding birds.

D342003 - Wildlife Habitat Design Board or Poster Exhibit - Choose a backyard, acreage or farm and design a habitat plan to meet the food, water, shelter and space needs of at least three kinds of animals you would like to attract. Draw an outline of the area and show what plants or other habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial photo of the area if you have one.

HARVESTING EQUIPMENT - Premium 6

Please refer to General Rules for more information.

Classes

D343001 - Fish Harvesting Equipment - Board exhibit. Display of equipment used in fish harvesting. Examples: Fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information:

1. The purpose of each item
2. When or where each item is used
3. Any personal experiences you've had with the item(s).

D343002 - Build a Fishing Rod - Rod building kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches in length. Exhibit must be mounted on a board. Include with the exhibit:

- o Explanation of cost of materials/components
- o Where materials/components were purchased
- o How many number of hours required for construction.

Label all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, information, and neatness.

D343003 - Casting Target - Make a casting target for exhibit and use. Target must be under 48" x 48". The bullseyes must be 2 feet, outer band must be 1 foot in diameter and can have up to 3 rings. The exhibit must be easy to store, durable and weather resistant. Include the purpose and rules of using your casting target.

D343004 - Wildlife Harvesting Equipment - Board exhibit display of equipment used in harvesting wildlife. Examples: Expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed, the purpose of each item, when or where it is used and any personal experiences you've had with the item(s).

D343005 - Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory - Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype and any adjustments you made.

TAXIDERMY - Premium 5

Please refer to General Rules for more information.

Classes

D346001 - Tanned Hides - Exhibit of a wild animal hide properly processed by the member. No requirement as to mounting but must meet the size requirement listed under General Rules. Include the animal's name and the following: information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

D346002 - Taxidermy - Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to mounting but must meet the size requirements listed under General Rules. Include the animal's name and the following: information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

SHOOTING SPORTS - Premium 6

4-H Shooting Sports requires youth to be under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle (bb gun), archery, pistol, black powder/muzzleloader, and/or hunting skills. No firearms can be entered as an exhibit, nor live ammunition; however, information can be shared through pictures. Classes 004-009 can be entered by anyone in the conservation and wildlife area. Remember to look at General Rules for this area.

Classes

D347001 - Shooting Aid or Accessory - Any item which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for.

D347002 - Storage Case - Any item with the purpose to safely hold a firearm, bow, ammunition, and/or arrows. Examples: soft sided shotgun case, quivers, firearm safe. Include your design or plans you adapted. Explain how the storage case is used.

D347003 - Practice Game or Activity – Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials for 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

D347004 - Science, Engineering, Technology Advancements or Shooting Sports, Conservation or Wildlife Essay or Display Choose a specific area of shooting sports and share how it has advanced. Include a timeline and photos or illustrations. Keep your topic narrow and manageable. Essays are limited to 1000 words and should be on 8 ½ x 11 paper.

D347005 - Healthy Lifestyles Plan – Include a shooter's (hiker's, camper's, angler's) diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H member would follow the plan and include some journal entries about adaptations or improvements made while following the plan.

D347006 - Citizenship/Leadership Project – Share a display on a citizenship project or leadership project the 4-H member took on individually or with a group to improve some aspect related to 4-H Shooting Sports, Conservation or Wildlife. Examples could be range development, conservation planting to attract wildlife, a camp, 4-H recruitment event. Include who benefitted from the project, what the 4-H member's role was, and any results.

D347007 - Career Development/College Essay, Interview or Display – Research opportunities for careers related to this area or opportunities for college majors or college activities to help discover using project skills beyond a person's 4-H career. Essays are limited to 1000 words and should be on 8 ½ x 11 paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers.

D347008 - Community Vitality Display – Explore the difference shooting sports, conservation, fishing and hunting make in keeping Nebraska vibrant especially in rural areas. Present facts and research in an interesting way for the public to learn from.

D347009 - Ag Literacy-Value Added Agriculture Interview or Research Project – Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present findings in an interesting way for the public to learn from.

OTHER NATURAL RESOURCES - Premium 7

Class

D361001 - Design Your Own Exhibit in Natural Resources, Conservation, Geology or Ecology - This class is for educational exhibits about natural resources, conservation, wildlife or ecology that do not fit into other categories. Entries must be appropriate for fair display and no larger than 24" x 24". All entries must include a title and should be clear (a brief explanation or other method) about the intended purpose or message - what the exhibit is meant to show. Think about accuracy, creativity, educational value for viewers and evidence of exhibitor's personal experiences and learning.

OUTDOOR ADVENTURES LEVEL 2 - Premium 7

Please refer to General Rules for more information.

Classes

D341001 - Poster - Topics may include, but not limited to one or more of the following; how to pitch a tent, knot tying, cooking over a campfire, how to start a campfire, wildlife and plants identified while camping, how to set up emergency shelter, dealing with weather, collection of photos from camping trips, "Leave No Trace" and how that was followed while camping, plan a camping trip, camping essentials, environmental issues/protecting natural resources, park or trail clean up, sanitation/hygiene while outdoors or use of GPS.

D341002 - Journal/Binder - Written report of virtual or actual camping/hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16" X 16".

D341003 - Camping/Hiking Safety - Must include explanation of use of item and why selected/purpose, how it fits hiking/camping needs. May include, but are not limited to, one of the following: travel sized poisonous plants guide, camping first aid kit, weather/water safety or hand hygiene kit.

D341004 - Digital Media - Use digital media to show video/slideshow/presentation of setting up a tent (include why site is chosen) or protecting natural resources or environmental issues or computer video camping/hiking game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.

D341005 - Other Camping Items - Must include what inspired the creation of the item, and its purpose. May include, but are not limited to one of the following; nature art, nature haiku poem, spider web sketches or knot display.

OUTDOOR ADVENTURES LEVEL 3 - Premium 7

Please refer to General Rules for more information.

Classes

D341006 - Poster - Topics may include but not limited to one of the following; Topographic map, backpacking trip plan, camp layout, plan an expedition (can be dreamed or lived), collection of photos from your expedition, trails hiked, cost comparison of rental vs purchase or using GPS/compass.

D341007 - Journal/Binder - Written report of actual, virtual or imagined expeditions/camping/hiking, OR field journal (notes of actual experiences, sights, sounds, smells, etc.). Explain growth in project, challenges in leading a group, teaching others about wildlife and nature identification and "Leave No Trace." Exhibits measure no larger than 16" X 16".

D341008 - Expedition Safety - Must include an explanation of use of items, why selected/purpose of item, how it meets hiking/camping/expedition needs. May include, but are not limited to; travel sized edible plants, creepy crawly guide, tent repair kit, travel first aid kit or weather/water safety.

D341009 - Digital Media - Use digital media to show video/slideshow/presentation of one of the following, but not limited to; building a non-tent shelter (include why needed), packing your backpack/equipment and getting it onto you, teaching others about environmental issues or a computer video backpacking expedition game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.

D341010 - Other Expedition Items - Must include what inspired the creation of the item, and the purpose of the item. May include, but are not limited to; nature art, nature cinquain poem, backpacking food recipes, hiking/expedition conditioning plan, charcoal etching, dehydrated meal or snack (at least 1 cup displayed in a re-sealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18" X 24"

B.B. GUN & ARCHERY PROJECTS - Premium 7

County Only Classes

H909901 - Accessories - Target Box, Target (animal or other), Bulls Eye Target, Accessory, made by exhibitor. Example: Quivers, survival kits, shooting mats, slings, powder horn, pouch, holster, belt, shell holder etc. Equipment made by the exhibitor. Example: Arrows, gun racks, target stands, pistol grip, custom sights, etc.

H909902 - Educational Display - Poster or display may include safety, building or using equipment or any aspect of. Poster may be three-dimensional.

HUNTING SKILLS PROJECTS – Premium 6

County Only Classes

D900904 – Hunting Adventure – Go on a hunting adventure. Write a report on what type of adventure you went on and your findings including at least three and no more than six photos. Enter the exhibit in a report cover including a cover/title page. The exhibit will be scored on the difficulty of the adventure, how close you got to the animal, sharpness of the photos and the overall appearance of the exhibit.

Hunting Skills Test – Test will consist of 10-20 questions. The questions can be about anything hunting and may include identifying scat, skulls, animals, tracks and/or guns. This test will be available to participants at the BB Gun, Air Rifle and Air Pistol Contests.

D900905 – Level 1 Age 8-10

D900906 – Level 2 Age 11 and up

B.B. GUN CONTEST - Premium 6

Enrollment – Each participant must complete the enrollment process at v2.4honline.com and add the Shooting Sports: BB Gun project to their profile before attending practices.

Rules - Each participant must attend TWO practices to be eligible to participate in the contest.

Contest will include the target shoot (16 feet, all divisions) B.B. gun defined as smooth bore. B.B. Guns will shoot .177 steel BB's. Daisy 5 meter, 10 bulls eye, 2 sighted targets (AR4/10) will be used. Ten shots from four (4) positions will be shot, (prone, standing, sitting and kneeling fired in this order). Contestants will fire one (1) shot at each bull's eye. Shooting mats or pads allowed by rule book will be allowed. NRA 5 meter B.B. Gun Rule Book will be used for all rules not specified here. Contestants must check in their own equipment at least 15 minutes prior to the start of the match.

Coaching - Coaching shooters on the firing line is permitted. Coaches may load the gun as well as move the gun to accommodate the various shooting positions. Coaches may also provide aiming corrections if wanted.

Dress Code - Must follow 4-H dress code and safety glasses or protective eye wear is required.

County Only Classes

F500905 - Division 1 - 14 years & older, as of January 1

F500906 - Division 2 - 11-13 years old, as of January 1

F500907 - Division 3 - 8-10 years old, as of January 1

AIR RIFLE CONTEST – Premium 6

Enrollment – Each participant must complete the enrollment process at v2.4honline.com and add the Shooting Sports: Air Rifle project to their profile before attending practices.

Rules - Each participant must attend TWO practices to be eligible to participate in the contest.

Will follow the National Standard Air Rifle rules. Air rifles are defined as having a rifled bore. Air rifles will use .177 lead pellets. No air rifles larger than .177 caliber are allowed. Will shoot from 10 meters or 32.8'. Air rifle will follow the 3 x 10 course of fire, which consists of 10 shots each in the prone, standing, and kneeling position, fired in that order. No scopes allowed. 4-H Shooting Sports Parental Release Form must be signed prior to contest.

Coaching - Coaching shooters on the firing line is permitted. Coaches may load the gun as well as move the gun to accommodate the various shooting positions. Coaches may also provide aiming corrections if wanted.

Dress Code - Must follow 4-H dress code and safety glasses or protective eye wear is required.

County Only Classes

F500967 - Division 1 - 14 years & older, as of January 1

F500968 - Division 2 - 11-13 years old, as of January 1

F500969 - Division 3 - 8-10 years old, as of January 1

3x10 course of fire

Individual 3x10 Event	Time Limit
Preparation period	10 minutes
10 shots prone	20 minutes
Change-over period	5 minutes
10 shots standing	20 minutes
Change-over period	5 minutes
10 shots kneeling	15 minutes

AIR PISTOL CONTEST – Premium 6

Enrollment – Each participant must complete the enrollment process at v2.4honline.com and add the Shooting Sports: Air Pistol project to their profile before attending practices.

Rules – Each participant must attend TWO practices to be eligible to participate in the contest.

The name of the rule book to be followed is USAS-NRA Progressive-Position Air Pistol Rule. Each contestant will get 40 shots. B40/4 targets will be used. The positions will vary by age: Basic Supported and Standing Supported. The air pistols allowed to be used will be decided by the rule book only.

Coaching - Coaching shooters on the firing line is permitted. Coaches may load the gun as well as move the gun to accommodate the various shooting positions. Coaches may also provide aiming corrections if wanted.

County Only Classes

F500926 - Division 1 - 14 years & older, as of January 1

F500927 - Division 2 - 11-13 years old, as of January 1

F500928 - Division 3 - 8-10 years old, as of January 1

SMALL BORE (.22) RIFLE & PISTOL SILHOUETTE CONTESTS - Premium 6

Enrollment – Each participant must complete the enrollment process at v2.4honline.com and add the Shooting Sports: 22 Rifle project to their profile before attending practices.

Rules - Participants must attend TWO practices to be eligible to participate in the contest.

Guns will be unloaded at all times, bolts open, chamber flag inserted, clips removed, guns in racks, until it is the shooter's turn at the firing line.

- For any malfunctions, dud ammo, etc., after the firing time is over (2½ minutes), have gun muzzle in safe direction (downrange), raise a hand to notify range officer of a problem. At that time, the range officer will allow extra time to finish shooting your round.
- Safety glasses and ear protection must be worn. Caps or sun visors are permitted.
- .22 rim fire only, no "stingers."
- Target ranges are approximate: Chickens 40 m (44 yds.); pigs 50 m (55 yds.); turkey 75 m (83 yds.); ram 100 m (110 yds.)
- Target will be NRA hunter's pistol sized. Targets must be knocked down, not just hit.
- Furnish your own shooting equipment, targets will be provided.

Contestants will shoot 40 rounds for the contest, 10 each at chickens, pigs, turkeys and rams. Tie breaker will be 5 shots at rams, continuing until tie is broken.

Coaching - Coaching shooters on the firing line is permitted. Coaches may load the gun as well as move the gun to accommodate the various shooting positions. Coaches may also provide aiming corrections if wanted.

Additional rules and information in NRA silhouette rule book will be followed. Range officers have the option to modify any rules to better suit the group.

Please be quiet when shooters are at the line. You will be asked to leave by the Range Officer or Match Director if you display any inappropriate behavior.

County Only Classes – Ages as of January 1

F500914 - Division 1 Open Sight Rifle – 14-18 years old

F500915 - Division 2 Open Sight Rifle – 10-13 years old

F500916 - Division 1 Scoped Rifle – 14-18 years old

F500917 - Division 2 Scoped Rifle – 10-13 years old

F500974 - Division 1 Open Sight Pistol – 14-18 years old

F500975 - Division 2 Open Sight Pistol – 10-13 years old

F500976 - Division 1 Scoped Pistol – 14-18 years old

F500977 - Division 2 Scoped Pistol – 10-13 years old

ARCHERY CONTEST - Premium 6

Enrollment – Each participant must complete the enrollment process at v2.4honline.com and add the Shooting Sports: Archery project to their profile before attending practices.

Rules - 4-H'er must attend TWO practices to be eligible to participate in the contest.

Scoring will be on an N.F.A.A. single or five spot (Archer's choice) 40cm target, 48 inch target face for outdoors. 4-H'ers will shoot 6 sets of 5 arrows (150 total) that will be scored.

The distances will be as follows:

Indoor Range

Cubs – 10 yards

Cadets – 10 yards

Juniors – 20 yards

Outdoor Range

Cubs - 10, 20, 30 meters

Cadets - 20, 30, 40 meters

Juniors - 30, 40, 50 meters

County Only Classes

F500933 - Juniors - 15 years old & and older as of January 1

F500934 - Cadets - 12-14 years old, as of January 1

F500935 - Cubs - 8-11 years old, as of January 1

TRAP SHOOTING (SHOTGUN) CONTEST - Premium 6

Enrollment – Each participant must complete the enrollment process at v2.4honline.com and add the Shooting Sports: Shotgun project to their profile before attending practices.

Rules - Exhibitors must attend TWO practices to be range qualified and be eligible to participate in the contest. Ear and eye protection is mandatory. Caps or sun visors are permitted. Exhibitors must follow all ATA Rules, rule books are available the Extension Office. No reloaded shells may be used. No hammer action shotguns are allowed.

County Only Classes

F500919 - Division 1 - 14 years old & over - 50 targets

F500920 - Division 2 - 11-13 years old - 50 targets

F500921 - Division 3 - 8-10 years old - 50 targets

Entomology

Entomology exhibits give 4-H'ers the opportunity to demonstrate their knowledge about insects and insect displays. This category has multiple projects that allows 4-H'ers to progress over numerous years.

Learn the difference between an insect and a bug; Identify insect parts and know why each is important; Find and examine bugs and insects in the field; Design your own insect or create a home for an insect; Make an insect collection; Learn where to look for insects; Learn how to identify and classify insects; Complete an insect collection table; Plan an insect collection trip; Raise meal worms; Explore insect legs and collect insects with an extractor; Test ant food preferences; Conduct honey bee learning experiments; Record insect observations; Identify insect mouth types

Resources: <https://go.unl.edu/ne4hentomology> or https://4hcurriculum.unl.edu/index.php/main/program_project/61

Rules

1. Specimens in display collections should be mounted properly and labeled with location, date of collection, name of collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology Manual. Boxes are preferred to be 12" high x 18" wide, and landscape orientation so they fit in display racks at State Fair. Purchase of commercially made boxes is allowed. All specimens are to be pinned and labeled by the exhibitor. No purchased specimens allowed.
 2. No projects over 50 pounds allowed.
- Exhibitors may, and should, correct and update collections for competition at the State Fair.

Classes 1-2 Premium 5, Classes 3-8 Premium 4

H800001 - Entomology Display, First Year Project - Collection to consist of 25 or more different kinds (species) of insects representing at least 6 orders. Limit of one box.

H800002 - Entomology Display, Second Year Project - Collection to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of the previous year. Limit 2 boxes.

H800003 - Entomology Display, Third Year or More Project - Collection to consist of a minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of previous year. Limit of 3 boxes.

H800004 - Special Interest or Advanced Insect Display - Educational display developed according to personal interests and/or advanced identification capability. This is also an opportunity to highlight favorite insects in a creative arrangement. Insects should conform to pinning and mounting standards as in Classes 1-3 and be protected in an insect box. Each specialty display should include names of the insects, interesting information about them and why the display was made. Advanced identification collections should have insects grouped with labels that correspond with identification level (e.g. family, genus, species). A specialty collection may consist of insects by taxonomic group (e.g. butterflies, grasshoppers, dragonflies, scarab beetles) or by host, subject or habitat (e.g. insect pests of corn, aquatic insects, insect mimicry, insect galls, insects from goldenrod, insect pollinators, etc.).

H800005 - Insect Habitats – Habitats consist of any hand-crafted objects, made of natural or artificial materials, to be placed outdoors, which promote or conserve insects in the environment. Insects may include bee pollinators, butterflies, beneficial insects, etc. A one-page report describing activities must accompany the exhibit. Report should include placement, target insect, why materials were chosen, functional design and indicators of success. See the following resources for reports:

- Nebraska Extension NebGuide: Creating a Solitary Bee Hotel (G2256)
- University of Minnesota: Wild Bees and Building Wild Bee Houses
- National Wildlife Federation: How to Provide Water in Monarch Gardens

H800006 - Macrophotography – Subjects should be insects, spiders or other arthropods, or any nests, webs or constructions they make. All exhibit prints should be either 8" x 10" or 8½" x 11" and mounted on rigid, black 11" x 14" poster or mat board. Either orientation is acceptable. No frames or mat board framing is allowed. A caption of a few sentences should explain the subject and be printed on white paper and glued below the print on the poster board.

H800007 - Insect Poster/Display Exhibits – Exhibits can be posters or three-dimensional displays and artistic creativity is encouraged. Posters should be no larger than 22" x 28". They should be instructional and can be attractive and have pictures, drawings, charts or graphs. Posters and displays may show any aspect of insect life, habitat or related conservation or management. Examples include life history and other facts about an insect; insect anatomy; how to manage insects in a farm, home, lawn or garden

setting; experiences rearing one kind of insect; survey of an important insect; insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers or lakes) and what insects are found there, etc. Three-dimensional displays, such as dioramas, sculptures, models or decorative boxes should have a page of explanatory information accompanying them and fit within a 22" x 28" area.

H80008 - Reports or Journals – Reports and journals should be in a 3-ring binder. A report may be informational, that is, an original article about a favorite insect, a history of insect outbreaks, diseases caused by insects, insects as food, etc. Or, it may be a research report about an investigation or experiment done in a scientific manner. It then should have a basic introduction of the insect studied, methods used, observations and results of the project. Tables, graphs and images are helpful to include. A journal is an observational study over a period of time with personal impressions. It may cover watching changes in kinds of butterflies over the summer, rearing a specific insect from egg to adult, managing a bee hive, observations of insects in a specific habitat, accounts of insect behavior in a forest or flower garden, etc.

Forestry - Premium 6

This category provides 4-H'ers an opportunity to prepare displays that show their expertise in many aspects of forestry. Involvement in this category will lead to expansion of seed, twig, wood, leaf, and tree knowledge for 4-H'ers. In addition, participants would learn more about common Nebraskan trees. Learn to use a dichotomous key to classify trees; Identify common Nebraska trees. For more information about tree classification visit this website https://4hcurriculum.unl.edu/index.php/main/program_project/65.

Resources: <https://go.unl.edu/forestry>

Rules

1. The official reference for all forestry projects is The Tree Identification Manual (4-H 332) which was recently revised. Other helpful forestry references include Trees of Nebraska (EC 92-1774-X), Leafing Out (4-H431) and Plant a Tree (EC 17-11-80).
2. Display "boards" must be made from wood or wood composite, e.g., plywood, fiberboard or masonite, ¼" to ½" thick and no larger than 24" x 24". Display boards may be coated, e.g., painted or varnished on both sides to prevent warping.
3. Display "posters" must be made from a material, e.g. foam board or poster board, that will stand upright without buckling and be no larger than 24" x 24".
4. Display "books" must measure no more than 16" x 16".
5. At least 5 of the 10 samples in Class 2, 3, 4, and 5 must be from the list of 60 species described in 4-H 332. Samples must be from 10 different tree species. For example, Emerald Queen Maple and Crimson King Maple are both varieties of the same species (Norway Maple), and thus have the same genus and species name, i.e. *Acer platanoides*. All samples must be from trees, NO shrubs. If more than 10 samples are included in the display, only the first 10 samples from the current year will be judged.
6. Due to emerald ash borer infestation, no true ash species (Green Ash, White Ash, Black Ash or Blue Ash) may be included in any collections. Inclusion of a true ash species will result in the project being disqualified.
7. Remember that other general labeling standards apply. For example, scientific names are always italicized or underlined. Also, the first letter of a Genus name is always capitalized. The first letter of a species name is always lower case. When required, always indicate complete scientific names (Genus and species) and common names, (e.g. Norway Maple) even when "variety names" are included. For example, the scientific name of Emerald Queen Maple is *Acer platanoides* and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variety names are not required.
8. How well the exhibitor follows written directions is an important factor in judging.

Classes

D320001 – Design Your Own Exhibit – Prepare an educational exhibit about some aspect of trees, forests, or forestry that is of special interest to you. Possible topics include paper recycling, wildfire, forest products, forest wildlife, or forest pests. The only requirement is that the display must be no larger than 24" x 24" x 24". Photographs, drawings, samples, charts, posters, etc. can be used, but include enough information to adequately explain the topic. Your display should be substantially different from other display classes. Be as creative as you like.

D320002 - Leaf Display – The leaf display must include samples of "complete leaves" from at least 10 different tree species. The display must include at least two samples of simple leaves, compound leaves, and conifer leaves. Leaves should be pressed, dried, and mounted.

Collection: Whenever possible, collect leaves from mature trees. Collect leaves any time after they have reached full size, usually beginning in early summer. Leaf samples should be in good condition and representative of the average leaves on the tree. Keep in mind that shaded leaves are often much larger than normal. Carefully remove leaves from the twig with the entire petiole or rachis intact. After collection, fresh leaf samples can be temporarily stored within the pages of an old magazine, but they should be properly pressed and dried for display. Be sure to record pertinent information during collection. All collection must be done by the exhibitor.

Mounting: Leaves may be displayed in a notebook or on a display board. Any method may be used to mount leaves, e.g. wire, glue, tape, staples, plastic bags, but be sure all their features can be clearly identified.

Labeling: The label for each sample must include:

- 1) Common name
- 2) Scientific name
- 3) Leaf type
- 4) Leaf arrangement (for broadleaf trees)
- 5) Leaf composition (for broadleaf trees)
- 6) Collector's name
- 7) Collection date
- 8) Collection location (be specific, state and county at a minimum)

If a twig is included with a sample, indicate "twig included" on the label. For example, the twig may be included with an eastern red cedar sample because the leaves are very small and difficult to remove from the twig.

Supplemental information: e.g. general uses, common products, fall color, etc., may be included to enhance educational value.

D320003 - Twig Display - The twig display must include twig samples from at least 10 different tree species. The display must include at least two samples of opposite and alternate leaf arrangements from broadleaf trees.

Collection: Twig samples should be collected during the dormant season (November-April) when the buds are mature. Twig samples must be at least 6 inches long and exhibit buds. Leaves must be removed and side branches must be trimmed to less than 1 inch in length. All collection must be done by the exhibitor.

Mounting: Twigs must be mounted on the display board. Any method, e.g. wire, glue, tape, staples or plastic bags, etc. may be used to mount twigs, but be sure all features can be clearly identified. The non-terminal end must be cut at a slant so the pith can be seen.

Labeling: The label for each sample must include:

- 1) Common name
- 2) Scientific name
- 3) Leaf arrangement (for broadleaf trees)
- 4) Collector's name
- 5) Collection date
- 6) Collection location (be specific, state and county at a minimum)

Supplemental information: e.g. general uses, tree characteristics, etc., may be included to enhance educational value.

D320004 - Seed Display - The seed display must include seed samples from at least 10 different tree species.

Collection: Tree seeds should be collected at the time of year when they mature, which varies widely depending upon tree species. For example, Silver maple seeds mature in May while red oak acorns do not mature until September. Seed samples should be free of insect or disease symptoms. Remember to display seeds, not fruit. For example, the seed of honeylocust is enclosed in a pod. Remove and display the seed, not just the pod. It is acceptable to display the fruit with the seed, but clearly label each. All collection must be done by the exhibitor.

Mounting: Seeds may be displayed in a variety of ways, e.g. mounted on a display board, displayed in jars in a rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.

Labeling: The label for each sample must include:

- 1) Common name
- 2) Scientific name
- 3) Type of fruit, if known (e.g. samara, pod, nut, legume, etc.)
- 4) Collector's name
- 5) Collection date
- 6) Collection location (be specific, state and county at a minimum)

Supplemental information: e.g. maturity date, average number of seed in the fruit, etc., may be included to enhance educational value.

D320005 - Wood Display - The wood display must include wood samples from at least 10 different tree species.

Preparation: Samples may be of any shape, e.g. sections from a board, wood cylinders turned on a lathe, horizontal or vertical cross-sections of a small log with bark attached, etc., but all samples should be the same shape, e.g. all wood cylinders or all sections of a board. Each sample can be no larger than 4" x 4" x 4". Cut surfaces should be sanded to show the grain. Treating samples with a clear finish (no stain) is optional. All collection must be done by the exhibitor.

Mounting: Samples may be displayed in a variety of ways, e.g. mounted on a display board, displayed in a box or rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.

Labeling: The label for each sample must include:

- 1) Common name
- 2) Scientific name
- 3) Wood type (softwood or hardwood)
- 4) Collector's name
- 5) Collection date
- 6) Collection location (be specific, state and county at a minimum)

Supplemental information: e.g. common products, wood density, etc., may be included to enhance educational value.

D320006 - Cross Section Display - A disc cut from a tree species listed in 4H 332. The sample must be collected, by the exhibitor, within one year of the County or State Fair judging day. The disc must measure 6 to 12 inches in diameter and 1 to 3 inches thick. The bark should be firmly attached, which may be difficult if the tree was dead when the disc was cut. Sand at least one side of the disc so the grain can be easily seen. If the disc is treated with a clear finish, both sides must be treated to minimize warping. As the disc dries, some cracking or checking can be expected and is allowed.

Labeling: The following parts must be clearly and accurately labeled on the cross section with pins, paper tags, or some other form of identification:

- 1) Pith
- 2) Heartwood
- 3) Sapwood
- 4) One growth ring (beginning and end)
- 5) Cambium
- 6) Bark

A separate label attached to the back of the disc must include:

- 7) Common name
- 8) Scientific name
- 9) Tree classification (softwood or hardwood)
- 10) Age (of the cross section)
- 11) Collector's name
- 12) Collection date
- 13) Collection location (be specific, state and county at a minimum)

D320007 - Parts of a Tree – This project is only for ages 8 – 11. Prepare a poster, no larger than 24" x 24" that clearly identifies the main external parts of any tree:

- 1) Trunk
- 2) Crown
- 3) Roots
- 4) Leaves
- 5) Flowers
- 6) Fruit
- 7) Buds
- 8) Bark

Identifying other internal parts, e.g. phloem, xylem, cambium, annual ring, pith, etc., is optional. Attach a separate label on the back of the poster that includes the exhibitor's name and age.

D320008 - Living Tree Display – a living tree seedling grown by the exhibitor from seed in the display container. The seed must be from a species listed in 4H 332. The seedling must be 60 days to 1 year old (on State Fair judging day). The display container must contain at least 8 inches of soil (potting mix or suitable natural soil), have a drainage hole(s), and a drain pan to catch drainage water.

Labeling: A waterproof label must be attached and include:

- 1) Common name
- 2) Scientific name
- 3) Seed treatments (if any)
- 4) Planting date
- 5) Emergence date
- 6) Collector's name

Supplemental information about the tree: e.g. where the seed was collected, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging.

D320009 - Forest Product Display - Prepare a visual display and/or collection tracing the origin of one non-lumber product that comes from trees and/or forests. The display must be no larger than 24" x 22" x 28". Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 22" x 28" and may be either vertical or horizontal. The contestant must identify what species of tree the product is derived from and where the product is harvested, grown, or otherwise collected. The product listed must be partially or fully derived from trees; if partial the approximate percentage should be articulated in the display.

- The goal of this exhibit is for students to learn that many products come from trees and forests and to explore one of these products through in-depth study.
- Information about the tree or forest product: e.g. information about harvesting, processing, industry information, and environmental or other benefits may be included to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.
- Personal interviews with industry professionals are encouraged as a source of information.

D320010 - Forest Health Display - Prepare a visual display outlining a specific forest health issue such as a tree disease, insect pest, animal- or human-caused damage, or an abiotic issue such as weather damage. The display must be no larger than 24 inches by 24 inches by 24 inches. Original photographs, drawings, samples, charts, posters, etc. can be used. Actual specimens are strongly encouraged but must be properly preserved, i.e. insects pinned or placed in vials of alcohol, leaves pressed and dried. Posters submitted may be no larger than 24 inches x 24 inches.

- Explain through the display what species of trees the health issue affects, diagnostic features of the issue (symptoms in trees, identifying features of the pest, etc.), and management options.
- Include common and scientific names of trees and pests.
- Supplemental information about the tree or forest health issue: e.g. origin, proliferation in Nebraska/United States, and physiological effects on the tree may be included to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.
- Attach a separate label on the back of the display that includes the exhibitor's name and age.

D320011 - Wildfire Prevention Poster - Prepare a poster, no larger than 24 inches x 24 inches that promotes wildfire prevention strategies. Strategies articulated in the poster can include personal and/or land management actions. Attach a separate label on the back of the poster that includes the exhibitor's name and age.

- Supplemental information about wildfire prevention should be attached to the poster: e.g. frequency of wildfires in Nebraska/United States, financial costs of wildfires, environmental factors that contribute to wildfires, etc. to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information

D320012 - Sustainable Landscape Diorama - Box must be no larger than 24" x 24". The exhibit must show a Nebraska landscape that includes elements such as windbreaks, fields, pastureland, CRP, public lands, community/municipal landscapes. The goal of this exhibit is for students to articulate conservation and sustainability best-practices that can be implemented on a landscape, while addressing landowner and other stakeholder interests.

- Label point/nonpoint sources of pollution, carbon sequestration, water-wise practices, wildfire prevention strategies, renewable energy sources, and other conservation practices as well as at least 10 species of plants included in the diorama.
- Attach to the exhibit a brief report including supplemental information describing the diorama, defining conservation practices, and outlining opportunities for landscape improvements to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

D320013 – Tree Planting Project Display – Plant a tree in your community. Prepare a visual display where the student articulates proper tree planting techniques, why the individual tree species was chosen, as well as steps taken to continue care for the tree after initial planting. The display must be no larger than 24" x 24" x 24". Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 24" x 24". The tree must have been planted 60 days to 1 year before County or State Fair judging day. Students must obtain permission from necessary authorities and property owners before planting any trees.

- Labeling: the following information about the tree must be included in the display: 1. common name 2. scientific name 3. planting location 4. planting date 5. tree source 6. planter's name 7. proper tree planting steps 8. tree care (after planting)
- Supplemental information about the tree: e.g. why the species was chosen, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

Agronomy

The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability and environmental protection. For guidelines on specific projects, refer to the appropriate project manuals.

Resources – <https://go.unl.edu/ne4hagronomy> or https://4hcurriculum.unl.edu/index.php/main/program_project/101

FIELD CROPS – Premium 6

Rules

Grain or Plant Exhibits - Classes 1-5:

- A completed Crop Production Worksheet must accompany grain and plant exhibits or they will automatically be deducted one ribbon placing. The Crop Production Worksheet can be found on page 75. The worksheet must include the exhibitor's name and address, county, plant hybrid or variety, plant population, whether crop production was irrigated or dryland, and general information including farm cropping history, soil type and weather effects.
- The worksheet also must include an economic analysis of the project, listing individual expenses and income, on a per acre basis. Other topics to discuss are the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.) any observations made during the growing season, and what you learned from your crops project. The worksheet counts as 50% of the total when judged.
- Worksheet must be the original work of the individual exhibitor or it will be deducted one ribbon placing.
- Attach the worksheet to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Grain exhibits must be one gallon per sample. Grain

exhibits harvested in the fall (e.g., corn or soybeans) may be from the previous year's project and brought in an appropriate sized box/container for display. Place in a clear container so it can be viewed and displayed.

- Plant exhibits, with the exception of ears of corn, must be the result of the current year's project. Corn - 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together)
- Grain Sorghum - 4 stalks (cut at ground level and bound together)
- Soybeans - 6 stalks (cut a ground level and bound together)
- Small grains (oats, barley, wheat, triticale) - Sheaf of heads 2 inches in diameter at top tied with stems about 24" long
- Other crops (alfalfa, millet, etc.) - Sheaf of stems 3 inches in diameter at top tied with stems cut at ground level or half size small square bale.

Classes

G750001 - Corn - Includes yellow, white, pop, waxy or any other type.

G750002 - Soybeans

G750003 - Oats

G750004 - Wheat

G750005 - Any other crop - Includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.

Displays - Classes 6-10:

- The purpose of the display is to tell an educational story to those that view the display.
- The display is a visual representation (pictures, charts, graphs) no larger than 28" wide x 28" tall on plywood or poster board.
- The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side. Explain pictures and graphs clearly and concisely.
- Consider creativity and neatness. Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.
- The essay should be in a clear plastic cover with the exhibitor's name outside.
- If a display does not have an essay, it will automatically be deducted one ribbon placing.

Classes

G750006 - Crop Production Display - The purpose of this class is to allow original and creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, pest management etc.

G750007 - Crop Technology Display - Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.

G750008 - Crop End Use Display - Display information about the final product or end uses for a crop, such as food, feed, fuel or other products (i.e. corn can be processed into livestock feed, ethanol, plastics, etc. or soybeans can be processed into bio-diesel, pet bedding, crayons, oil, etc.). This should not be about the process of crop production, but focus on an end product(s).

G750009 - Water or Soil Display - Display information about water or soils, such as how soils are being used for crop production, range, conservation, wildlife, or wetland use, or ways to protect or conserve water and soil resources.

G750010 - Career Interview Display - The purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview one person that works with crops about such topics as what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed

Special Agronomy Project – Premium 6

The crop of the year for 2024 is Sugar Beets.

Youth experience a crop that is grown, was grown or has the potential to be grown in Nebraska by growing it, researching traits of that crop and determine viability of that crop in the part of the state they live.

Each year the Extension Office will order seeds that will be distributed to youth on a first, come – first serve basis. A different seed will be selected every year. Youth will grow seeds in their garden or pots. Written resource materials will be available for youth, in addition to virtual, live or recorded videos/field trips. Youth will be eligible to enter an exhibit at both the County and/or State Fair in the agronomy project area.

Classes

G750011 - Special Agronomy Project - Educational Exhibit - Educational exhibit based on what was learned from the project. Present information on a poster 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, and county must be on the back of the poster or report cover. Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.

G750012 Special Agronomy Project - Video Presentation - 4-H exhibitor designs a multimedia presentation related to the crop. This could include narration of the growing process, presenting facts about the crop or any other innovative multimedia practices. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip. Any of the following file formats will be accepted: mp4, .mov, .ppt, or .avi. County Fair entries should be emailed to Donna Kircher at donna.kircher@unl.edu by July 15. State Fair entries must be emailed to anygren2@unl.edu or brandy.vandewalle@unl.edu by August 10.

G750013 Special Agronomy Project (Freshly Harvested Crop) Plant - exhibits must be the result of the current year's project. Depending on the type of crop selected for the current year:

- Corn - 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together)
- Grain Sorghum - 4 stalks (cut at ground level and bound together)
- Soybeans - 6 stalks (cut at ground level and bound together)

- Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24" long.
- Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level.

Supporting documentation (½ to 1-page in length) should include the following:

- Economic Analysis and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time.
- Other topics to discuss are past/current commercial production of this crop. This includes: the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season about this crop and what you learned from your crops project. This ½ to 1-page summary counts as 50% of the total when judged.
- In addition to the summary, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

WEED SCIENCE - Premium 6

At least 15 of the specimens must represent this year's work. For assistance identifying plants, participants can use Nebraska Department of Agriculture's Weeds of Nebraska and the Great Plains (1994) or Weeds of the Great Plains (2003).

Books (Classes 1-2)

- Plants must be mounted on sheets that are no larger than 14" wide x 14" high. Proper plant mount should include root as well as stem and leaf tissue. Plants should be glued rather than taped and the mounts should be protected with a clear cover.
- Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements.
- Each completed mount must have the following information in the lower right corner of the mounting sheet:
 - Scientific name (in italic or underlined), with authority
 - Common name
 - County of collection
 - Collection date
 - Collector's name
 - Personal collection number, indicating the order that plants were collected in your personal collection
 - Other information depending on class selected, i.e., noxious, life form. This information should be typed or printed neatly.

Classes

G751001 - Weed Identification Book – A collection of a minimum of 15 plant mounts including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plumeless thistle, saltcedar, leafy spurge, purple looserstrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed, giant knotweed, sericea lespedeza or phragmites), and at least three weeds that are a problem primarily in lawns.

G751002 - Life Span Book - A collection of 7 perennials, 1 biennial and 7 annual weeds.

DISPLAYS (Class 3)

- The purpose of the display is to tell an educational story to those who view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28" x 28" on plywood or poster board. The display should be neatly titled.
- Make sure to label display with the exhibitor's name, address, and county on back side. Explain pictures and graphs clearly and concisely.
- Each display must have a one-page essay explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.
- The essay should be in a clear plastic cover with the exhibitor's name on the outside.

Class

G751003 - Weed Display - The purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide resistant weeds, what makes a weed a weed or uses for weeds.

Range

The purpose of this category is to help 4-H'ers identify and collect range plants. In addition, participants will learn the basics of range management, and Nebraska's range. Through the creation of range boards 4-H'ers will become more proficient in knowledge of Nebraska's range.

Learn the names of range plants; Identify and collect range plants; Explore the basics of range management. Study Nebraska's grassland heritage; Understand plant vigor and the effects of grazing; Identify range sites; Calculate range conditions; Understand stocking rates. Learn the names of range plants; Identify and collect range plant; Explore the basics of range management.

Resources: <http://go.unl.edu/ne4hrange> or https://4hcurriculum.unl.edu/index.php/main/program_project/116

Rules

1. Each exhibit must be properly identified with Unit and Class.
2. All plant displays and display covers must be the result of the current year's work.
3. Plant identification and lists of appropriate plants in each category (grasses, forbs, shrubs, and grass-like plants) can be found in the Range Judging Handbook and Contest Guide (EC150 revised July 2016), Common Grasses of Nebraska (EC170), and Common Forbs and Shrubs of Nebraska (EC118).

4. The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability, and environmental protection.
5. For guidelines on specific projects, refer to appropriate project manuals.

RANGE MANAGEMENT – Premium 6

BOOKS (Classes 1-6)

For books, plants must be mounted on sheets that are no larger than 14" wide x 14" high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue.

Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness, and conformation to project requirements. Each completed mount must have the following information in the lower right corner of the mounting sheet:

- Scientific name (in italic or underlined), with authority
- Common name
- County of collection
- Collection date
- Collector's name
- Personal collection number, indicating order that plants were collected in your personal collection
- Other information, depending on class selected, i.e., value and importance, life span, growth season, origin, major types of range plants. This information should be typed or printed very neatly.

Classes

D330001 - Value and Importance for Livestock Forage and Wildlife Habitat and Food Book – A collection of 12 different plant mounts, with 4 classified as high value, 4 as medium value, and 4 as low value for livestock forage, wildlife habitat, or wildlife food. Value and importance classifications can be found in the Range Judging Handbook and Contest Guide, Appendix Table 1 (EC150, Revised July 2016) starting on page 42. Plants can consist of any combination of grasses, grass-like plants, forbs, or shrubs. Assemble plant mounts in order of high, medium, and low value and importance. Label each plant mount with its value and importance classifications for each of the three areas: Livestock Forage, Wildlife Habitat, and Wildlife Food.

D330002 - Life Span Book – A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.

D330003 - Growth Season Book - A collection of 6 cool-season grass mounts and 6 warm-season grass mounts.

D330004 - Origin Book - A collection of plant mounts of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and often used to seed pastures.

D330005 - Major Types of Range Plants Book - A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like and 3 shrubs.

D330006 - Range Plant Collections Book – A collection of 12 range plant mounts with something in common (i.e. poisonous to cattle, or historically used as food by Native Americans, or dye plants, or favorite antelope forage, etc.). Include a short paragraph in the front of the book which describes what the plants have in common and why you have chosen to collect them.

DISPLAYS (Class 7)

The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28" x 28" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side.

Class

D330007 - Parts of a Range Plant Poster – Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner, including the scientific and common name of the plant. Put your name and 4-H county on the back of the poster.

BOARDS (Classes 8-9)

Boards should be no larger than 30" wide x 36" tall. Boards should be adequately labeled.

Classes

D330008 - Special Study Board - A display of the results of a clipping study, a degree of use study, range site study, etc. A short essay must accompany the display to explain the reason for the study, what was learned and study results. This should be placed in a sheet cover attached to the board.

D330009 - Junior Rancher Board – This exhibit should include a ranch map with record book or an appropriate educational display on some phase of rangeland or livestock management. A short essay must accompany the display to explain the purpose of the rancher board, what was learned, etc.

Crop Production Project Worksheet

Name _____ Production year _____

Years enrolled in crop project _____

Kind of crop _____ Acres in project _____

Type of soil _____ % Slope _____

Yield goal _____

Planting date _____ Row Spacing _____ inches

Hybrid/Variety Planted _____ Planting rate _____ seeds/acre

Table 1. Field history (if available)

History of plot area for the past 2 years						
Year	Crop Grown	Total Fertilizer Applied (lb/A)			Was area manured?	Amount of lime applied per acre
		N	P ₂ O ₅	K ₂ O		
1 yr. ago						
2 yrs. ago						

Table 2. Soil test recommendations for this year's crop (if available)

Laboratory analyses					Nutrient recommendations for crop grown (lbs/acre)		
Organic matter %	P	K	Soil ph	Sampling Depth (in.)	N	P ₂ O ₅	K ₂ O

Were any other nutrients recommended? _____ If yes, what nutrients and how much? _____

Table 3. Fertilizer applied for this year's crop (per acre)

Date	Application method	Amount (lb/A)	Analysis

Was any manure applied? _____ How much? _____

Type of tillage (conventional, strip-till, no-till) _____

Conservation practices applied (cover crops, buffer strips, etc.) _____

Pests found during scouting (weeds, insects, diseases) _____

Pest control methods used such as herbicides, insecticides and fungicides

Was the field irrigated? Yes or No

If irrigated, what type of irrigation was used and how much water was applied? _____

What observations did you make? (Weather during the growing season, crop growth, etc) ?

Table 4. Harvest report (If harvest was finished before fair)

Date of harvest	Harvest moisture percentage	Yield (bu/A)

Table 5. Costs (If Available)

- 1. Machinery costs: \$ _____ per acre
- 2. Seed: \$ _____ per acre
- 3. Fertilizer: \$ _____ per acre
- 4. Herbicides: \$ _____ per acre
- 5. Insecticides: \$ _____ per acre
- 6. Fungicides: \$ _____ per acre
- 7. Land charge if rented: \$ _____ per acre
- 8. Land taxes if owned: \$ _____ per acre
- 9. Irrigation Cost: \$ _____ per acre
- 10. Drying Cost: \$ _____ per acre
- 11. Hauling Cost: \$ _____ per acre
- 12. Insurance Cost: \$ _____ per acre
- 13. Other Costs: \$ _____ per acre
- 14. **Total Costs:** \$ _____ per acre

Table 6. Value of Crop (Use expected if crop is not yet harvested)

Expected price: \$ _____ per bushel Actual price: \$ _____ per bushel

Expected yield: _____ bu/acre Actual yield: _____ bu/acre

Expected total value: \$ _____ per acre Actual total value: \$ _____ per acre

What did you learn from doing the crops project? _____

Attach any pictures from your field (optional)

Credit: Adapted from Iowa State University Extension

HEALTHY LIFESTYLES EDUCATION

Food & Nutrition

The purpose of Food & Nutrition exhibits is to encourage the knowledge about healthy eating and safe cooking practices. This category has multiple projects that allow 4-H'ers to progress over numerous years. In addition, 4-H'ers will learn different types of cooking methods to improve their knowledge of cuisine.

Learn how to use MyPlate; Learn how to avoid spreading germs while cooking; Learn how to measure and mix ingredients; Learn how to test baked goods for doneness; Learn how to brown meat; Learn how to set the table for a family meal; Understand and prevent foodborne illnesses Learn how to thaw foods Learn proper knife techniques Learn how to read Nutrition Fact labels Learn how to make soups, rice, pasta, and other foods; Practice making bread, grilling meats, vegetables, and fruit Learn how to and practice making butter Learn about yeast, gluten, and different types of fats; Learn about herbs and spices Learn how to make ethnic foods Practice making cakes, candy, pastries, and pies; Learn how to safely freeze foods and maintain quality Learn how to use frozen foods in healthy recipes; Learn how to safely dry foods and maintain quality Learn how to use dried foods in healthy recipes; Learn how to safely preserve fruits, tomatoes, fruit spreads, and pickles Learn how to use home-canned foods in healthy recipes; Learn how to safely preserve tomatoes, vegetables, and meats Learn how to use home-canned foods in healthy recipes

Resources: <https://go.unl.edu/ne4hfood-nutrition> or https://4hcurriculum.unl.edu/index.php/main/program_project/194

Rules

GENERAL - Baked products entered in County Fair cannot be entered at State Fair.

ENTRIES PER INDIVIDUAL – One entry per exhibitor per class.

SUPPORTING INFORMATION - Each exhibit must include the recipe. Recipe may be handwritten, photocopied or typed. Place the food on the appropriate size plate or container and put in a self-sealing bag. Additional information including recipes and supplemental information should be identified with 4-H'ers name and county.

CRITERIA FOR JUDGING – Exhibits will be judged according to score sheets available at the Extension Office or at <https://go.unl.edu/ne4hfood-nutrition>. Make sure to follow all entry instructions required for your exhibit. Incomplete exhibits will be lowered one ribbon placing. Commercially prepared mixes are ONLY allowed in Cooking 201 Creative Mix Class. Prepared baking mixes, biscuit mixes, commercially prepared seasoning mixes for food preservation and other pre-made mixes entered in other categories will be lowered a ribbon placing.

FOOD PROJECTS – Exhibits should be entered using a disposable pan or plate and covered by a plastic self-sealing bag. The Red Willow County 4-H Council, Red Willow County Fair Board, Nebraska Extension, and the State Fair are not responsible for non-disposable containers, lost or broken bread boards, China, or glassware.

INGREDIENTS – Any ingredient that the 4-H'er uses must be able to be purchased by the 4-H'er. Ingredients such as beer, whiskey, rum, etc. may NOT be used in any recipe file or food exhibit. Exhibits that include alcohol will be disqualified.

FOOD SAFETY – Exhibits are on display for several days. Please think FOOD SAFETY! Items that require refrigeration will not be accepted, judged or displayed as exhibits. Must be safe to eat when entered, whether they are tasted or not. Glazes, frostings and other sugar-based toppings are considered safe due to their high sugar content. Egg glazes on yeast breads and pie crusts BEFORE baking are acceptable. Eggs incorporated into baked goods and crusts are considered safe. The following food ingredients are considered unsafe for fair exhibits and will be disqualified:

- Egg or cream fillings and cream cheese frostings
- Any meat item including meat jerky, imitation meat bits (bacon bits, pepperoni, etc)
- Melted cheese on top of food exhibit (cheese mixed into baked goods is considered safe and will be accepted)
- Uncooked fruit toppings (i.e. fresh fruit tart).

ALL FOOD WILL BE RETURNED TO THE 4-H'ER AS SOON AS IT IS JUDGED AT THE COUNTY FAIR. Decorated cakes may remain on display or a photo will be taken of the cake for exhibiting purposes.

4-Her's are encouraged to exhibit in only one food project area per year and progress through the project areas as their skills advance. 4-Her's may exhibit in the same food project area for multiple years before advancing.

General Foods & Nutrition – Premium 7

E350001 – Food Science Exploration – Show the connection between food and science as it relates to food preparation, food safety, food preservation or food production. Exhibit may be a poster or foam core board (not to exceed 22" by 30"), computer based presentation printed off with notes pages, if needed, and displayed in a binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.

E350002 - Foods and Nutrition Poster, Scrapbook, or Photo Display – The project should involve a nutrition or food preparation technique or explore a career related to the food industry (caterer, restaurant owner, food scientist, registered dietician, etc.). This might contain pictures, captions, and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22" x 30"), a computer based presentation printed off with notes pages (if needed) and displayed in binder, an exhibit display, or a written report in a portfolio or notebook. Consider neatness and creativity.

E350003 - Physical Activity and Health Poster, Scrapbook, or Photo Display – The project should involve a physical activity or explore a career related to physical activity or health (personal trainer, sports coach, physical therapist, etc.). This might contain pictures, captions, and/or reports to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22" x 30"), a computer based presentation printed off with notes pages, if needed, and displayed in a binder, an exhibit display, or a written report in a portfolio or notebook. Consider neatness and creativity.

E350004 – Cooking Basics Recipe File – A collection of 10 recipes from any source. Each recipe must accompany a complete menu in which the recipe is used. An additional 10 recipes may be added each year the 4-H'er is in the project, with year clearly marked on recipes. Display in a recipe file or binder. Be sure to include the number or servings or yield of each recipe. This may be a continued recipe file project from the previously used 4-H curriculum before 2018. Exhibits that include recipes with alcohol (wine, beer, rum, etc.) will be disqualified.

MAKING FOOD FOR ME – Premium 7

County Only Classes

E901901 – Food Cards - Neatly cut and colored Food Cards in self-sealing plastic bag or other secure container. (Pages 67-69 of the Leaders Guide)

E901902 – Grain Collage – Neatly cut and pasted pictures of grains cut out and displayed in a collage. (Page 40 of the Leaders Guide)

E901903 – Dairy Tasting Party – Complete the Dairy Tasting Party form on page 17 of the project book. It may be copied or cut from the manual.

E901904 – Protein Collage – Neatly cut and pasted pictures of protein sources and foods displayed in a collage. (Page 53 of the Leaders Guide)

E901905 – Healthy Snack – Four cookies, bars, muffins, etc. on a paper plate or at least 1 cup of a mix. Examples include: snack mix made from a cereal base, no-bake or a simple cookie, or granola bars.

Cooking 101- Premium 7

County Only Classes

E401901 – Cookies (any recipe) – Four on a paper plate

E401902 – Muffins (any recipe) – Four on a plate

E401903 – No Bake Cookies (any recipe) – Four on a plate

E401904 – Cereal Bar Cookies (any cereal based recipe made in pan and cut into bars or squares for serving)

E401905 – Granola Bar (any recipe) – Four on a plate

E401906 – Brownies (any recipe) – Four on a plate

E401907 – Snack Mix (any recipe, at least one cup in self-sealing plastic bag)

Cooking 201 – Premium 7

E410001 – Loaf Quick Bread – Any recipe, at least $\frac{3}{4}$ of a standard loaf displayed on a paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately $8\frac{1}{2}$ " x $4\frac{1}{2}$ " or 9 " x 5 ". If mini-loaf pans are used for exhibit, two loaves must be presented for judging.

E410002 - Creative Mixes – Any recipe, at least $\frac{3}{4}$ of a baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked item made from a mix (commercial or homemade mixes acceptable). Food product must have been modified to make a new or different baked item. Examples include poppy seed quick bread from a cake mix, cake mix cookies, sweet rolls made from readymade bread dough, monkey breads from biscuit dough, streusel coffee cake from a cake mix, etc. Write what you learned about making this product using a mix instead of a homemade recipe or recipe "from scratch". Does it make it better or easier to use a convenience product or mix? Why or why not?

E410003 – Biscuits or Scones - Four biscuits or scones on a small paper plate. This may be any type of biscuit or scone: rolled or dropped. Any recipe may be used, but it must be a non-yeast product baked from scratch.

E410004 - Healthy Baked Product – Any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. Recipe must contain a fruit or vegetable as part of the ingredients (ex. Banana bars, cantaloupe quick bread, zucchini muffins, etc.).

E410005 - Coffee Cake - Any recipe or shape, non-yeast product – at least $\frac{3}{4}$ of baked product on a paper plate or in a disposable pan. Include menu for a complete meal where this recipe is served, following meal planning guidelines suggested in Cooking 201.

E410006 – Baking with Whole Grains – Any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. Recipe must contain whole grains as part of the ingredients. (Ex. whole wheat applesauce bread, peanut butter oatmeal cookies, etc.).

E410007 – Non-Traditional Baked Product – Exhibit must include a food product prepared using a non-traditional method (i.e. bread machine, cake baked in an air fryer, baked item made in microwave, etc.). Entry must be at least $\frac{3}{4}$ baked product, or 4 muffins or cookies on a paper plate or in a disposable pan. Entry must include supporting information that discusses alternative preparation method and how it compares with traditional method.

Cooking 301 – Premium 7

Rules: Any bread item prepared or baked using a bread machine should be entered under the Cooking 201, Non-Traditional Baked Product. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.

E411001 – White Bread – Any yeast recipe, at least $\frac{3}{4}$ of a standard loaf displayed on a paper plate.

E411002 – Whole Wheat or Mixed Grain Bread - Any yeast recipe, at least $\frac{3}{4}$ of a standard loaf displayed on a paper plate.

E411003 – Specialty Rolls - Any yeast recipe, 4 rolls on a paper plate. May be sweet rolls, English muffins, kolaches, bagels, or any other similar recipe that makes individual portions.

E411004 - Dinner Rolls - Any yeast recipe, 4 rolls on a paper plate. May be cloverleaf, crescent, knot, bun, bread sticks, or any other type of dinner roll.

E411005 – Specialty Bread - Any yeast recipe, includes tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least $\frac{3}{4}$ of a full-sized baked product.

E411006 – Shortened Cake – At least ¾ of the cake (not from a cake mix). Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed). Must exhibit at least ¾ of the cake (recipe must not be from a cake mix).

Cooking 401 – Premium 7

Rules: Any bread item prepared or baked using a bread machine should be entered under Cooking 201. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising or baking of the food item.

E412001 - Double Crust Fruit Pie - Made with homemade fruit filling. No egg pastries or cream fillings. No canned fillings or premade pie crusts. May be a double crust, crumb, cut-out or lattice topping. Using an 8” or 9” disposable pie pan is recommended.

E412002 - Family Food Traditions – Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Any baked item associated with family tradition or heritage. Entry must include (A) recipe, (B) tradition or heritage associated with preparing, serving the food, (C) where or who the traditional recipe came from.

E412003 - Ethnic Food Exhibit – Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. The name of the country, culture or region should be included as part of the supporting information with the recipe, as well as some background information about the country or culture the food item is representing.

E412004 - Candy – Any recipe, 4 pieces of candy on a paper plate or ½ cup. No items containing cream cheese will be accepted (Example: cream cheese mints). Candy may be cooked or no cook, dipped, molded, made in the microwave or other methods of candy preparation. Recipe must be included.

E412005 – Foam Cake – Original recipe (no mixes) of at least ¾ of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frosting allowed).

E412006 – Specialty Pastry – Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked items such as pie tarts, puff pastry, phyllo doughs, biscotti, choux, croissants, Danish, strudels. Phyllo dough may be pre-made or from scratch. Pasties made with cream or egg-based fillings will be disqualified.

FOOD PRESERVATION

PROCESSING METHODS - Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jams, preserves and marmalades, fruit, tomatoes and pickled products must be processed in a boiling water bath. Tomatoes may be processed in a pressure canner. All non-acid vegetables and meats must be processed in a pressure canner. Improperly canned or potentially hazardous food items will be disqualified. Spoiled or unsealed container disqualifies entry.

JARS AND LIDS - Do not need to be the same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated by the exhibitor in any way. Canning jars must be used - others will be disqualified. No ¼ pint jars allowed. Leave jar rings on for fair display, it helps protect the seal. Two-piece lids consisting of a flat metal disk and a ring should be used. No zinc lids or one-piece lids.

CURRENT PROJECT – Exhibits must have been preserved since the member’s previous year’s County Fair and not been exhibited at the previous State Fair.

CRITERIA FOR JUDGING - Exhibits will be judged according to score sheets available at the Extension Office or at <https://4hfairbook.unl.edu/fairbookview.php/rules>. Incomplete exhibits will be lowered a ribbon class. Canned food items not processed according to altitude in the county will be lowered one class ribbon. Check with your local extension office or this site <https://food.unl.edu/canning#elevation> for your county’s altitude and how that affects food processing times and pounds of pressure. Red Willow County’s altitude is between 2,000 and 3,000 feet.

LABELING - Jars should be labeled with the name of the food item, name of the 4-H’er, county, and date of processing on the bottom of each jar. Exhibits containing multiple jars such as a “3 jar exhibit” should be placed in a container to keep jars together. Each bag containing dried foods should also be labeled with the name of the food item, the name of the 4-H’er, county and drying date. Multiple dried food exhibits should be secured by a rubber band or “twisty” to keep exhibit containing the 3 self-sealing bags together.

RECIPE/SUPPORTING INFORMATION – Recipe must be included, may be handwritten, photocopied or typed. Commercially prepared seasoning mixes are not allowed. Current USDA guidelines for food preservation methods MUST be followed. Suggested sources of recipes include:

- 4-H Food Preservation Manuals (Freezing, Drying, Boiling Water Bath Canning, Pressure Canning)
- USDA Guide to Home Canning. https://nchfp.uga.edu/publications/publications_usda.html
- Nebraska Extension’s Food Website: <https://food.unl.edu/food-preservation> or Extension publications from other states.
- Ball Blue Book (published after 2009)

All exhibits must include the 4-H Food Preservation Card found on page 83 attached to the project as the required supporting information or include following information with exhibit:

1. Name of Product
2. Date preserved
3. Method of preservation (pressure canner, water bath canner or dried)
4. Type of pack (raw pack or hot pack)
5. Altitude (and altitude adjustment, if needed)
6. Processing time
7. Number of pounds of pressure (if pressure canner is used)
8. Drying method and drying time (for dried food exhibits).
9. Recipe and source of recipe (if a publication, include name and date).

Unit 1 Freezing – Premium 6

E406001 – Baked Item made with Frozen Produce – Any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a food item preserved by the freezing method done by the 4-H'er. (Ex. peach pie, blueberry muffins, zucchini bread, etc). Supporting information must include both the recipe for the produce that was frozen as part of the project AND the baked food item.

Unit 2 Drying – Premium 6

E407001 - Dried Fruits - Exhibit 3 different examples of 3 different dried fruits. Place each dried fruit food (6-10 pieces of fruit, minimum of $\frac{1}{4}$ cup) in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E407002 - Fruit Leather - Exhibit 3 different examples of 3 different fruit leathers. Place a 3-4" sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E407003 - Vegetable Leather – Exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3-4" sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E407004 - Dried Vegetables - Exhibit 3 different samples of 3 different dried vegetables. Place each food ($\frac{1}{4}$ cup of each vegetable) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

E407005 - Dried Herbs – Exhibit 3 different samples of 3 different dried herbs. Place each food ($\frac{1}{4}$ cup of each herb) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

E407006 - Baked Item made with Dried Produce/Herbs – Any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a dried produce/herb item made by the 4-H'er. Ex. Granola bar made with dried fruits, dried cranberry cookies, Italian herb bread, lemon thyme cookies. Supporting information must include both the recipe for the dried produce/herb AND the baked food item.

Unit 3 Boiling Water Canning – Premium 6

E408001 - 1 Jar Fruit Exhibit – Exhibit one jar of a canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.

E408002 - 3 Jar Fruit Exhibit - Exhibit 3 jars of different canned fruits. May be three different techniques for same type of product, ex. applesauce, canned apples, apple pie filling, etc. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408003 - 1 Jar Tomato Exhibit – Exhibit one jar of a canned tomato product. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408004 - 3 Jar Tomato Exhibit - Exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.) Entry must be processed in a boiling water bath according to current USDA recommendations.

E408005 - 1 Jar Pickled Exhibit – Exhibit one jar of a pickled and/or fermented product. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408006 - 3 Jar Pickled Exhibit – Exhibit 3 jars of different kinds of canned pickled and/or fermented products. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408007 - 1 Jar Jelled Exhibit – Exhibit one jar of a jam, jelly, fruit butter or marmalade. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408008 - 3 Jar Jelled Exhibit – Exhibit 3 different kinds of jelled products. Entry may be made up of either pints or half pints. Entry must be processed in a boiling water bath according to current USDA recommendations.

Unit 4 Pressure Canning – Premium 6

E414001 - 1 Jar Vegetable or Meat Exhibit – Exhibit one jar of a canned vegetable or meat. Include only vegetables or meats canned in a pressure canner according to current USDA recommendations.

E414002 - 3 Jar Vegetable Exhibit – Exhibit 3 jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to current USDA recommendations.

E414003 - 3 Jar Meat Exhibit – Exhibit 3 jars of different kinds of canned meats. Include only meats canned in a pressure canner according to current USDA recommendations.

E414004 - Quick Dinner - Exhibit a minimum of 3 jars to a maximum of 5 jars plus menu. Meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3" x 5" file card and attach to one of the jars. Entry must be processed according to current USDA recommendations.

E414005 - 1 Jar Tomato Exhibit – Exhibit one jar of a canned tomato product. Entry must be processed in a pressure canner according to a current USDA recommendations.

E414006 - 3 Jar Tomato Exhibit – Exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc). Entry must be processed in a pressure canner according to current USDA recommendations.



EXTENSION



4-H Food Preservation Card

(Please attach this card to each item preserved.)

Name: _____ County: _____

Name of Product: _____ Date Preserved: _____

PROCESSING METHOD (CHECK ONE):

- Boiling Water Canner, indicate type of pack (check one): raw pack OR hot pack
Processing time: _____ Altitude: _____
- Pressure Canner, indicate type of gauge (check one): weighted gauge OR dial gauge
Product was canned at _____ pounds pressure at _____ altitude.
Processing time: _____ packed hot OR packed cold
- Dehydration (check one): dehydrator OR other, please specify (ie: oven, solar, etc.): _____
Approximate drying time: _____

INCLUDE INSTRUCTIONS/RECIPE:

Include instructions/recipe for product on back of this card. 4-H'ers must include the source of the recipe/instructions. 4-H'ers must use approved USDA recipes/instructions. Include pre-treatment for dried products.



EXTENSION



4-H Food Preservation Card

(Please attach this card to each item preserved.)

Name: _____ County: _____

Name of Product: _____ Date Preserved: _____

PROCESSING METHOD (CHECK ONE):

- Boiling Water Canner, indicate type of pack (check one): raw pack OR hot pack
Processing time: _____ Altitude: _____
- Pressure Canner, indicate type of gauge (check one): weighted gauge OR dial gauge
Product was canned at _____ pounds pressure at _____ altitude.
Processing time: _____ packed hot OR packed cold
- Dehydration (check one): dehydrator OR other, please specify (ie: oven, solar, etc.): _____
Approximate drying time: _____

INCLUDE INSTRUCTIONS/RECIPE:

Include instructions/recipe for product on back of this card. 4-H'ers must include the source of the recipe/instructions. 4-H'ers must use approved USDA recipes/instructions. Include pre-treatment for dried products.

Cake Decorating

Cake Decorating is a county project only, not eligible for State Fair.

Entries must be edible and follow food safety guidelines listed on page 79.

Rice Krispies may be used when using fondant.

Frosting and Fondant may NOT be purchased must be made from scratch.

Entries must include frosting/fondant recipe(s) and the following supporting information:

- Write what you learned about making this cake decorating entry
- What methods or techniques were used
- What would you like to try next time?

A color photo of each decorated cake entry will be taken. It is preferred that cakes be taken home after judging and not remain on display due to spoilage. Trophy and reserve champion entries will remain for display.

CAKE DECORATING - AGES 8 AND 9

No fondant may be used in this division

County Only Classes – Premium 6

E910906 - Decorated Cupcakes - 4 on a plate

E910907 - Decorated Cookies - 4 on a plate

E910908 - Decorated Cake - One layer using frosting

E910909 - Decorated Cake - One layer using frosting and other edible products (no fondant may be used)

CAKE DECORATING - AGES 10 AND 11

County Only Classes – Premium 5

E910910 - Display Board - On an 8½" x 11" foil covered cardboard, display the following:

- 2 different kinds of flowers
- 1 leaf
- 2 different styles of borders

E910911 - Decorated Cupcakes - 4 on a plate

E910912 - Decorated Cookies - 4 on a plate

E910913 - Decorated Cake - One layer using frosting

E910914 - Decorated Cake - One layer using fondant, not 3 dimensional

E910915 - Decorated Cake - Using a shaped pan, two dimensional, decorated with frosting

CAKE DECORATING - AGES 12 AND 13

County Only Classes – Premium 5

E910916 - Display Board - On an 8½" x 11" foil covered cardboard, display the following:

- 3 different kinds of flowers
- 1 font in word form
- 3 different styles of borders

E910917 - Decorated Cakelets - 4 on a plate or tray. Cakelets are any individual serving of cake decorated using frostings or fondant, should be decorated differently to carry out the theme.

E910918 - Decorated Cake - Two or more layers, at least 8" in size, any shape, decorated with frosting and/or fondant

E910919 - Decorated Cake - Three dimensional form, any shape, decorated with frosting and/or fondant

E910920 - Decorated Cake - One or more layers, that has been baked and then cut to create the design, decorated with frosting and/or fondant

E910921 - Do Your Thing with Gingerbread – Gingerbread must be made by the 4-H'er, crackers may not be used.

E910922 - Decorating Up a Career – Interview someone who decorates cakes as a business or as an employee in a business. What do they do? How did they get started? What training or education do they have? What is the most enjoyable thing about their work? Maximum of two pages, one sided write up of an interview with a cake decorator. Consider creativity and neatness. Mount on a 9" x 12" colored paper or poster board or display in a clear plastic binder or notebook. Include a picture of the person interviewed. Poster may be laminated to preserve the exhibit.

CAKE DECORATING - AGES 14 AND OVER

County Only Classes – Premium 5

E910923 - Decorated Cakelets - 4 on a plate or tray. Cakelets are any individual serving of cake decorated using frostings or fondant, with or without the use of tubes, flowers, molded items, etc. Enter 4 cakelets decorated for one special occasion. Each cakelet should be decorated differently to carry out the theme.

E910924 - Decorated Cake - Using tiers of graduated sizes, each tier should be a two layer cake or a layer that is 2" tall. One layer could be a 2" tall non-edible form. Supports, pillars and separator plates may be used. Decorated with frosting and/or fondant

E910925 - Decorated Two Layer Cake – Decorate the majority of the cake with fondant. Exhibit can be decorated with molded items. Molded items may include pastillage, rolled butter cream gum paste, marzipan, molded chocolate, sugar molds, etc. Design should be suitable for the size and shape of the cake. All molds and/or shapes must be made of edible materials.

E910926 - Decorated Two Layer Cake – Decorate the majority of the cake with frosting. Exhibit can be decorated with molded items. Molded items may include pastillage, rolled butter cream gum paste, marzipan, molded chocolate, sugar molds, etc. Design should be suitable for the size and shape of the cake. All molds and/or shapes must be made of edible materials.

E910927 - Do Your Thing with Gingerbread – Gingerbread must be made by the 4-H'er, crackers may not be used.

E910928 - Cake Decorating Portfolio – Select ten photos of cakes, cupcakes, cookies or cakelets that represent the strongest collection of your work from your 4-H career. With each photograph, include documentation on what was learned, products and techniques used, the occasion, inspiration for the design and year it was decorated. Portfolio should include 10 photographs with documentation in a notebook.

E910929 - You Be the Teacher – Share with others what you have learned in this project. Exhibit may be a poster (not to exceed 22" x 28"), a notebook, a small display of an educational nature, a video brought on a DVD, or a video posted to YouTube. A computer will be available to view the videos. Examples might be: teaching others how to decorate cupcakes, learning how to create flowers, learning how to use fondant.

Lifetime Sports - Premium 7

County Only Classes

E962901 - Bowling - Share with others what you learned in this project. Exhibit may be a poster, notebook or scrapbook illustrating what the 4-H member has learned.

E962902 - Golf - Share with others what you learned in this project. Exhibit may be a poster, notebook or scrapbook illustrating what the 4-H member has learned.

E962903 - Tennis - Share with others what you learned in this project. Exhibit may be a poster, notebook or scrapbook illustrating what the 4-H member has learned.

BICYCLE CONTEST - Premium 6

In addition to 4-H dress code, all bicycle contest participants must wear a safety helmet. No training wheels allowed.

County Only Classes

F500923 - Division 1 - 12 years & over as of January 1

F500924 - Division 2 - 10-11 years old as of January 1

F500925 - Division 3 - 8-9 years old as of January 1

Safety - Premium 7

In this category 4-H'ers have the opportunity to create exhibits about all-terrain vehicles, fire, and tractor safety. In addition, participants can also create informational exhibits about basic safety strategies. Through involvement in this category, 4-H'ers will be better educated about personal safety and have the knowledge base to educate others about safety.

Learn how to report an emergency; Learn basic first aid; Find out how to stock a first aid kit; Discover strategies for safety at home and away; Design a poster about fire safety; Learn to develop fire escape plans; Find out how to use ATV's safely; Learn about trouble-shooting and emergency procedures; Find out about hazards of the trail; Learn how to dress appropriately when riding; Learn to operate a tractor safely; Understand tractor controls and safety checks

Resources: <https://go.unl.edu/ne4hsafety> or https://4hcurriculum.unl.edu/index.php/main/program_project/86

Classes

E440001 - First Aid Kit – A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kit's intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items should cover the following areas: airway and breathing, bleeding control, burn treatment, infectious disease protection, fracture care and miscellaneous supplies. Use Citizen Safety manual, 4-H 425, pages 6 & 7 for guidance.

1. Kits containing any of the following will be automatically disqualified:
2. Prescription medications. (If the kit's purpose is to provide medication for someone with special needs, explain in the written description and inventory, but remove the medication.)
3. Materials with expiration dates on or before the judging date. (This includes sterile items, non-prescription medications, ointment, salves, etc. Articles dated month and year only are considered expired on the last day of that month.)
4. Any controlled substance.

E440002 - Disaster Kit (Emergency Preparedness) – Disaster kits must contain the materials to prepare a person or family for emergency conditions caused by a natural or man-made incident. Selection of materials is left to the exhibitor. Family or group kits must have enough material or items for each person. A description of the kit's purpose, the number of people supported and a list of contents is required. Youth are encouraged to test their kit by challenging their family to try to survive using only the included materials for the designated time. If tested, share that experience in kit documentation. Please include an explanation of drinking water needs for your disaster kit. Do not bring actual water to the fair in the kit.

E440003 - Safety Scrapbook – The scrapbook must contain 15 news articles from print and/or internet sources about various incident types. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The Scrapbook should be bound in a standard size hardcover binder or notebook for 8½" x 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

E440004 - Safety Experiences – The exhibit should share a learning experience the youth had related to safety. Examples could be participating in a first aid or first responder training, a farm safety day camp, babysitting workshop or similar event; scientific experiment related to safety; or the youth's response to an emergency situation. The exhibit should include a detailed description of the experience, the youth's role, some evidence of the youth's leadership in the situation and a summary of the learning that took place. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes.

E440005 - Careers in Safety – The exhibit should identify a specific career area in the safety field and include education and certification requirements for available positions, salary information, demand for the field and a summary of the youth's interest in the field. Examples of careers include firefighters, paramedics, emergency management personnel, some military assignments, law enforcement officers, emergency room medical personnel, fire investigator and more. It is recommended youth interview a professional in the field in their research. Additional research sources might include books, articles, career web sites, job-related government web sites or interviews with career placement or guidance counselors. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes.

FIRE SAFETY - Premium 7

Classes

E450001 - Fire Safety Poster - This is a home floor plan drawn to scale showing primary and secondary escape routes and where fire extinguishers and smoke detectors are located. Draw every room, including all doors and windows. Use black or blue arrows showing primary escape routes from each room. Use red arrows showing secondary routes to use if the primary routes are blocked. Primary and secondary escape routes must lead outside to an assembly location. Documentation should include evidence the escape plan has been practiced at least four times. Posters must be constructed of commercial poster board at least 11" x 14" but not larger than 22" x 28".

E450002 - Fire Safety Scrapbook - The scrapbook must contain 10 news articles from print and/or internet sources about fires to residential or commercial properties or landscapes. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The Scrapbook should be bound in a standard size hardcover binder or notebook for 8½" x 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

E450003 - Fire Prevention Poster – Posters should promote a fire prevention message and be appropriate to display during National Fire Prevention Week or to promote fire safety at specific times of the year (Halloween, 4th of July, etc.). Originality, clarity and artistic impression will all be judged. Do not include live fireworks, matches or other flammable/explosive/hazardous materials. Any entry containing this material will be disqualified. Posters must be constructed of commercial poster board at least 11" x 14" but not larger than 22" x 28".

ALL-TERRAIN VEHICLES (ATV), TRACTOR - Premium 7

County Only Classes

E963901 - ATV - Share with others what you learned in this project. Exhibit may be a poster, notebook or scrapbook illustrating what the 4-H member has learned.

E963902 - Tractor - Share with others what you learned in this project. Exhibit may be a poster, notebook or scrapbook illustrating what the 4-H member has learned.

HEALTH ROCKS – Premium 7

County Only Classes

E964901 - Health Rocks 1 - Share with others what you learned in this project. Exhibit may be a poster, notebook or scrapbook illustrating what the 4-H member has learned.

E964902 - Health Rocks 2 - Share with others what you learned in this project. Exhibit may be a poster, notebook or scrapbook illustrating what the 4-H member has learned.

Horticulture

The purpose of Horticulture is to encourage participants to start and maintain vegetable and herb gardens. In addition, 4-H'ers can participate in planting, growing, and caring for flowers and houseplants. There is also a special gardening project in this category that 4-H'ers can participate in.

Grow foliage and bulb plants indoors; Learn what houseplants need to stay healthy; Learn about growing healthy plants; Grow flowers from seeds; Learn about caring for flowers; Plant, grow, and care for annual flowers; Grow foliage and bulb plants indoors; Learn what houseplants need to stay healthy; Choose a garden site; Plan a garden; Grow vegetables; Select and purchase garden supplies; Grow transplants; Plan and plant a garden; Find out how seeds germinate; Learn what different plant parts do; Harvest and use your vegetables; Transplant plants into your garden; Grow plants from plant parts; Feed your garden; Earn money by growing vegetables; Learn about succession planting; Grow an herb garden; Find out about photosynthesis; Identify pest damage; Use intercrop and double crop planting methods; Plant a computer-planned garden; Identify plant diseases; Learn about plant scientists.

Resources: <https://go.unl.edu/ne4horticulture> or https://4hcurriculum.unl.edu/index.php/main/program_project/106

Floriculture - Premium 7

Rules

Exhibits are limited to one per class. Entries must be the work of the 4-H member.

Classes 1-23: Cut Flower Annuals and Biennials – 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

Classes 30-46: Cut Flower Perennials – 5 stems of a single variety (cultivar) unless otherwise noted in parentheses.

The cultivar or variety name must be included on all entry cards. Proper identification is the responsibility of the exhibitor and must be included when they are entering the exhibit into Showworks. If potted container with several cultivar or varieties identify each individually within the pot. Failure to identify the cultivar or variety will drop the entry one ribbon placing.

Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing. In classes 23, 45 & 46, do not duplicate entries from the already listed classes or entry will be dropped one ribbon placing. For example: 4-H'ers with two cultivars or varieties of marigolds can only enter the marigold class and cannot enter the other cultivar or variety in any other class. A perennial is defined as a plant of which the crown overwinters. An annual is a plant that grows from seed each season, whether self-seeded or planted by the gardener. A biennial is a plant that germinates, grows and overwinters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.

All 3 or 5 stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors. Containers will not be judged; however, they should be CLEAR GLASS CONTAINERS that won't tip over (No plastic containers) and of adequate size to display blooms. Any exhibit not in a clear glass container at State Fair will be dropped one ribbon placing. **NO SCREW ON LIDS OR SCREW ON RINGS AND FLATS MAY BE USED.** To hold flowers in place it is suggested to use tin foil or a type of plastic wrap with holes poked into it or frog lids. Containers may not be returned from State Fair.

Classes – One entry per class

Cut Flower Annuals and Biennials, Classes 1-23 - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

G770001 - Aster

G770002 - Bachelor Buttons

G770003 - Bells of Ireland

G770004 - Browallia

G770005 - Calendula

G770006 - Celosia (crested or plume) (3 stems)

G770007 - Cosmos

G770008 - Dahlia

G770009 - Dianthus

G770010 - Foxglove

G770011 - Gladiolus (3 stems)

G770012 - Gomphrena

G770013 - Hollyhock (3 stems)

G770014 - Marigold

G770015 - Pansy

G770016 - Petunia

G770017 - Salvia

G770018 - Snapdragon

G770019 - Statice

G770020 - Sunflower (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems)

G770021 - Vinca

G770022 - Zinnia

G770023 - Any other annual or biennial (under 3" diameter – 5 stems, 3" or more in diameter – 3 stems)

Do not duplicate entries in classes 1-22.

G770030 - Achillea/Yarrow

G770031 - Chrysanthemum

G770032 - Coneflower
G770033 - Coreopsis
G770034 - Daisy
G770035 - Gaillardia
G770036 - Helianthus
G770037 - Hydrangea (3 stems)
G770038 - Liatris (3 stems)
G770039- Lilies (3 stems) (Not Daylilies)
G770040 - Platycodon
G770041 - Rose (3 stems)
G770042 - Rudbeckia/Black-eyed Susan
G770043 - Sedum
G770044 - Statice
G770045 - Any Other Perennial (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems)

Do not duplicate entries in classes 30-44.

G770046 - 4-H Flower Garden Collection of 5 Different Cut Flowers – Flowers are to be cut not potted. Each flower in the collection should be exhibited with the number specified for classes 1-45. Display in a box or other holder not more than 18" in any dimension. Boxes may not be returned after State Fair. Do not duplicate entries in classes 1-45 with any in the group collection.

EDUCATIONAL EXHIBITS

In classes 50-53, the 4-H member's name, age, full address, county and years in the project(s) must be on the back of the report cover, notebook or poster.

Classes

G770050 - Flower Notebook - Exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. Bulbs may be included in a separate section. 4-H'ers may show more than one cultivar of the same species, but they will only count as one species. The notebook must be the result of the current year's work. Pictures from garden catalogs, hand drawn pictures or photographs may be used. Each species/cultivar must be labeled with the correct common name and scientific name; the height and spread of the plant and the growing conditions (for example: needs full sun and dry sandy soil) the species prefers. In addition to this information, bulbs should also be labeled as spring or summer flowering. Give proper credit by listing the sources of pictures and information used. The 4-H member's name, age, county and years in the project(s) must be on the back of the notebook.

G770051 - Flower Garden Promotion Poster - Individual poster promoting flower gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium: watercolor, ink, crayon, etc. as long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. The 4-H member's name, age, county and years in the project(s) must be on the back of the poster.

G770052 - Educational Flower Garden Poster - Prepare a poster "14 x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H flower or houseplant project. One might show a special technique used or equipment incorporated in the garden. Refer to 4-H horticulture project manuals, but use your own creativity. The 4-H member's name, age, county and years in the project(s) must be on the back of the poster.

G770053 - Flower Gardening History Interview - Neatly handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, county and years in the project(s) must be on the back of the report cover.

HOUSEPLANTS

The 4-H member's name, age, county and years in the project(s) must be on bottom or back of the container or saucer.

Container Grown Houseplants - The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container. Identify each plant individually if more than one cultivar or variety. Houseplants should be grown in the display container for a minimum of six weeks. Plants grown as houseplants must be used. NebGuide G2205 "Guide to Growing Houseplants" and NebGuide G837 "Guide to Selecting Houseplants" includes a listing of common houseplants. **Containers of annual flowers or annual plants (i.e. petunias, geraniums, impatiens) will be disqualified and will not be judged.**

Entries in Classes 60-66 must have been designed and planted by the 4-H member.

Any container plant, (flowering or foliage potted houseplants, dish gardens, fairy or miniature gardens, desert gardens or terrariums) shall be in containers no larger than 12" (use inside opening measurement) in any dimension of length or width. No combination of pots may be used. All potted plants are to be in one pot container. Any container grown plant in Classes 60-66 that does not follow these guidelines will be dropped one ribbon placing.

Classes 60-65 exhibitors must have and provide a saucer to catch drainage water.

Classes

- G770060 - Flowering Potted Houseplant(s)** - that are blooming for exhibition. Container may have one or more houseplants in container. Label with name for each plant. Non-blooming plants will be disqualified.
- G770061 - Foliage Potted Houseplant(s)** - one variety of tropical or cacti or succulent plant. Label with name of plant.
- G770062 - Hanging Basket** - of flowering and/or foliage houseplants. Container may have one or more houseplants in container. Label with name for each plant.
- G770063 - Dish Garden** - An open/shallow container featuring a variety of houseplants excluding cacti and succulents. Label with name for each plant.
- G770064 - Fairy or Miniature Garden** - A miniature "scene" contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e. bench, fence made from tiny twigs, small shell for bath tub, etc. Label with name for each plant.
- G770065 - Desert Garden** - An open/shallow container featuring a variety of cacti and/or succulents grown as houseplants. Label with name for each plant.
- G770066 - Terrarium** - A transparent container, partially or completely enclosed; sealed or unsealed. Label with name for each plant.

Vegetables, Herbs, Fruits & Educational Exhibits - Premium 7

Rules

Exhibits are limited to one per class.

The cultivar or variety name must be included on all entry tags. Proper identification is the responsibility of the exhibitor and must be included when they are entering the exhibit into Showworks. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. In classes 252, 255, 268, 269, 285 and 286 do not duplicate entries from any of the other classes or entry will be dropped one ribbon placing. For example: 4-H'ers with two cultivars or varieties of red tomatoes can only enter the red tomatoes class and cannot enter the other cultivar or variety in any other vegetable class.

Entries should be brought to County Fair on a sturdy, white paper plate. They will be provided if necessary.

Herbs (Classes 60-69) will be judged using the same general criteria used for vegetables. Those grown mainly for their seed, such as dill and caraway, should be exhibited on a plate. Those grown for their leaves such as basil, parsley, etc. should be exhibited in a CLEAR GLASS CONTAINER of water (no plastic containers). Any exhibit not in a clear glass container will be dropped one ribbon placing. **NO SCREW ON LIDS OR SCREW ON RINGS AND FLATS MAY BE USED.** To hold herb leaves in place it is suggested to use tin foil or a type of plastic wrap with holes poked into it or frog lids. Containers may not be returned from State Fair. Potted herb plants will be disqualified and will not be judged.

Fruits (Classes 80-86) will be judged using the same general criteria used for vegetables. Fruit will be judged for the stage of maturity normal for that season and growing location. Emphasis will be placed on how well fruit approaches market quality.

Classes	Vegetable	# to Exhibit	Classes	Vegetable	# to Exhibit
G773201	Lima Beans	12	G773227	Russet Potatoes	5
G773202	Snap Beans	12	G773228	Other Potatoes	5
G773203	Wax Beans	12	G773229	Pumpkin	2
G773204	Beets	5	G773230	Miniature Pumpkins (Jack Be Little Type)	5
G773205	Broccoli	2	G773231	Radish	5
G773206	Brussels Sprouts	12	G773232	Rhubarb	5
G773207	Green Cabbage	2	G773233	Rutabaga	2
G773208	Red Cabbage	2	G773234	Green Summer Squash	2
G773209	Carrots	5	G773235	Yellow Summer Squash	2
G773210	Cauliflower	2	G773236	White Summer Squash	2
G773211	Slicing Cucumbers	2	G773237	Acorn Squash	2
G773212	Pickling Cucumbers	5	G773238	Butternut Squash	2
G773213	Eggplant	2	G773239	Buttercup Squash	2
G773214	Kohlrabi	5	G773240	Other Winter Squash	2
G773215	Muskmelon/Cantaloupe	2	G773241	Sweet Corn (in husks)	5
G773216	Okra	5	G773242	Swiss Chard	5
G773217	Yellow Onions	5	G773243	Red Tomatoes (2" or more in diameter)	5
G773218	Red Onions	5	G773244	Roma or Sauce-type tomatoes	5
G773219	White Onions	5	G773245	Salad Tomatoes (under 2" diameter)	12
G773220	Parsnips	5	G773246	Yellow Tomatoes (2" or more in diameter)	5
G773221	Bell Peppers	5	G773247	Turnips	5
G773222	Sweet (Non-Bell) Peppers	5	G773248	Watermelon	2
G773223	Jalapeno Peppers	5	G773249	Dry Edible Beans	1 pint
G773224	Hot (Non-Jalapeno) Peppers	5	G773250	Gourds, mixed types	5
G773225	White Potatoes	5	G773251	Gourds, single variety	5
G773226	Red Potatoes	5			

G773252 - Any Other Vegetable - 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class.

G773255 - 4-H Vegetable Garden Collection of Five Kinds of Vegetables - Display garden collection in a box not more than 24" in any dimension. Boxes may not be returned from State Fair. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252). Do not duplicate entries in classes 201-252 with any in the group collection.

G773256 - 4-H Cultivar Vegetable Collection - Vegetables entered in the collection are 5 cultivars from a single exhibit; for example 5 cultivars of all types of peppers or squash or onions or tomatoes, etc. Display in a box not more than 24" in any dimension. Boxes may not be returned from State Fair. Showmanship will be considered in judging; but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252).

HERBS - Premium 7

<u>Classes</u>	<u>Herb</u>	<u># to Exhibit</u>	<u>Classes</u>	<u>Herb</u>	<u># to Exhibit</u>
G773260	Basil	5	G773264	Oregano	5
G773261	Dill (dry)	5	G773265	Parsley	5
G773262	Garlic (bulbs)	5	G773266	Sage	5
G773263	Mint	5	G773267	Thyme	5

G773268 - Any Other Herb – Exhibit 5 (do not duplicate entries in classes 260-267)

G773269 - 4-H Herb Garden Display of 5 different cut herbs. Herbs are to be cut not potted. Displayed in a box or other holder not more than 18" in any dimension. Boxes may not be returned from State Fair. Each herb in the collection should be exhibited with the number specified for classes 260-268. Do not duplicate entries in classes 260-268 with any in the group collection.

FRUITS - Premium 7

<u>Classes</u>	<u>Fruit</u>	<u># to Exhibit</u>
G773280	Strawberries (everbearers)	1 pint
G773281	Grapes	2 bunches
G773282	Apples	5
G773283	Pears	5
G773284	Wild Plums	1 pint
G773285	Other Small Fruit or Berries	1 pint (do not duplicate entries in classes 280-284)
G773286	Other Fruits or Nuts	5 (do not duplicate entries in classes 280-284)

Educational Exhibits - In classes 290 - 294, the 4-H member's name, age, full address, county and years in the project(s) must be on the back of the report cover, notebook or poster.

Classes

G773290 - Garden Promotion Poster - Individual poster promoting vegetable or herb gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium so long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be attached to the upper right-hand corner. The 4-H member's name, age, county and years in the project(s) must be on the back of the poster.

G773291 - Educational Vegetable or Herb Garden Poster - Prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-H'er has done or learned about in a 4-H vegetable gardening project. One might show a special technique used or equipment incorporated in the garden (e.g., drip irrigation system, composting or special techniques learned). Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be attached to the upper right-hand corner. The 4-H member's name, age, county and years in the project(s) must be on the back of the poster.

G773292 - Vegetable and/or Herb Gardening History Interview - Neatly handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, county and years in the project(s) must be on the back of the report cover.

G773293 - Vegetable Seed Display - Each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade) and Legume (pea) families, plus representatives from 5 other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22" x 24". Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several examples of beans may be shown. Attach a card to the back of the display explaining why and how it is important to know which vegetables are related and cite references on where the scientific name information was found. Information on vegetable family members can be obtained from the Extension Office. The 4-H member's name, age, county and years in the project(s) must be on the back of the display.

G773294 - World of Vegetables Notebook - Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (e.g. Mexican, African, Chinese, Italian, etc.). Include a report telling about a minimum of 5 vegetables and/or herbs from each country chosen. Include the scientific and common names; pictures of the plants from your garden or seed catalogs; tell how they are grown; and how the foods are used. Also list a source for buying the seed or plants. Favorite recipes using some or all of the vegetables described may be included. Give proper credit by listing the source of pictures and information used. Protect in a clear report cover or 3-ring notebook. The 4-H member's name, age, county and years in the project(s) must be on the back of the report cover or notebook.

SPECIAL GARDENING PROJECT - Premium 7

The 2024 Special Gardening Project is focused on Princess of India Nasturtium.

Classes

G775001 – Special Garden Project – Educational exhibit based on what was learned from the project. Present information on a poster 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, and county must be on the back of the poster or report cover.

G775002 – Special Gardening Project Fresh Cut Flowers, Herbs or Harvested Vegetables – The current years' Special Gardening Project fresh cut flowers, herbs or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if Special Gardening Project is a fresh cut flower. Refer to classes 201-252 for quantity to exhibit if Special Gardening Project is a vegetable. Flowers and herbs must be cut not potted.

ANIMAL SCIENCE

GENERAL LIVESTOCK RULES

The list of General Livestock Rules continues to change. Please see the 4-H website at 4h.unl.edu for a current list.

RESPONSIBILITY FOR ENTRY – The responsibility for making proper entry rests with the exhibitor. It is the responsibility of the exhibitor to confirm that each beef, sheep, swine, dairy, meat goat, or rabbit being brought to the county and/or state fair has proper ID (ear tag, ear notches, and tattoo) that matches the ownership affidavit. The exhibitors of all animals shall conduct themselves with honesty, good sportsmanship, and support all rules and regulations of the Nebraska 4-H program, the Red Willow County Fair and the Nebraska State Fair.

IDENTIFICATION – All livestock must have the required 4-H identification in place when they are checked in at County Fair.

OWNERSHIP OF ANIMALS & POULTRY – All animals in the 4-H Show must be owned by the exhibitor/family who identified it. Ownership of beef, sheep, swine, dairy, meat goats, poultry and rabbits must be certified where required on the appropriate forms and turned into the Extension Office by **June 1**, of the current year. In the case of dairy animals and stocker feeders, some lease arrangements are acceptable but must be certified on the appropriate forms in the Extension office. All market animals (beef, sheep, swine and meat goats) must have a hair sample for DNA testing on file at Aksarben by the appropriate dates in order to be exhibited at the State Fair. Beef: **June 15**; Sheep: **June 15**, Meat Goats: **June 15**, Swine: **June 15**, Feeder Calves: **June 15**.

SHOWMANSHIP – If 4-H livestock exhibitors choose to participate in showmanship, they must show the animal(s) that was entered in their name at entry time. In order to be considered as participants in a Showmanship Contest, exhibitors must have shown the same animal in the regular show.

All 4-H exhibitors must follow the IAFE National code of show rings ethics. – see page 125.

ELIGIBILITY OF ANIMALS – An animal that becomes wild and uncontrollable during the show may be declared ineligible by the Division Superintendent.

State Fair – Any 4-H project animal that has been offered for auction, where the intent of the auction is change of ownership, is ineligible for the 4-H livestock classes at the State Fair. This includes animals offered for sale in other events at the State Fair, when the event is prior to the 4-H event the animal is entered in. A project animal that has been through a "premium only" auction is eligible to be exhibited at the Nebraska State Fair, provided it and its exhibitor meet all other ownership and eligibility requirements. A premium only auction is defined as an event in which change of ownership is never the intent; but the intent is only to provide a monetary premium to accompany the ribbon earned by the exhibit.

ANIMAL TESTING AND EXAMINATION – Any animal entered in 4-H classes is subject to any type testing at the discretion of the superintendent. If the results of testing indicate the possible use of compounds or drugs not approved for use in that species by FDA or compounds or drugs used outside the specified withdrawal requirements of FDA, these animals will be declared ineligible for competition and awards. An animal that is tampered with by unusual means to change appearance or weight may be declared ineligible by the Division Superintendent. This includes drenching of animals other than for medical purposes approved by a vet. All beef animals must be tested for BVD to be eligible to show at State Fair.

CERTIFICATION OF DRUG USE AND WITHDRAWAL - Each exhibitor may be asked to submit a signed affidavit certifying correct withdrawal from legal drugs, vaccines, or other substances. They may also be asked to certify that their entries have not received any non-approved drugs.

QUALITY ASSURANCE TRAINING (YQCA) – Nebraska 4-H requires all youth enrolled in livestock projects to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA). Clover Kid 4-H members are not required to complete the quality assurance training.

ONLY PURPLES CAN BE CHAMPIONS - Any beef, dairy, dairy goat, sheep, swine, dog, poultry or rabbit entry must be awarded a first or second purple ribbon in a class to be eligible to compete for champion or reserve champion with the exception of the top 2 in the homegrown classes.

GROOMING OF LIVESTOCK – Preparation and grooming of an animal should be the primary responsibility of the exhibitor; however, immediate family members (brothers, sisters, and/or parents/legal guardians), a Red Willow County 4-H Leader, or other current Red Willow County 4-H members may be of assistance.

All beef, swine, sheep and goats (showmanship, market and breeding) will be shown Blow & Go. Animals may be clipped, blown, brushed or combed to enhance their appearance.

All livestock grooming must be done in designated areas. No blocking chutes, supplies, etc. are allowed on the grass east of the Community Building. Sheep and goat exhibitors sheering livestock near horse stalls north of the Big Top must clean up wool and hair and dispose of it properly.

HANDLING EQUIPMENT – Halters with throat straps, nose leads, barbed or studded show halter chain lead and other equipment determined to be distracting or severe to the animal by the division superintendent will not be permitted.

GENERAL HEALTH REQUIREMENTS FOR ALL ANIMALS - Under no circumstances may animals under quarantine be exhibited. Only animals not showing signs of infectious or contagious diseases will be allowed to show. Animals that have active ringworm, visible warts, or abscesses will not be allowed to show.

SUBSTITUTE SHOWMAN - An animal must be shown by the 4-H'er who entered it unless the exhibitor is excused by the Division Superintendent before the show begins because of serious illness, disability due to an injury (e.g. broken arm or leg) or conflict with other livestock classes in the 4-H show. An exhibitor who has more than one animal in a class need not secure approval for another 4-H member, enrolled and eligible to exhibit livestock in Red Willow County, to show the additional animal in the class. All substitute showmen should wear the exhibitor number identifying him/her as a substitute showman and notify the ring clerk of such.

WOOD CHIPS – A one-time allotment of wood chips will be provided for each beef, sheep, swine and goat stall/pen at the beginning of the fair. Any woodchips needed over and above this allotment will be the responsibility of the 4-Her.

AUTHORITY - Each Division Superintendent (for example, Beef Superintendent) shall have the authority to make all decisions within their respective Divisions in accordance with rules and regulations set forth in this premium book. Once superintendents break classes and they are posted, there will be no changes of classes allowed (unless an animal was not listed). Grievances must go through the respective division superintendents first, then if warranted, on to General Superintendents or the 4-H Council.

RE-WEIGH POLICY – There will be no re-weigh of market animals.

LIVESTOCK HERDSMANSHIP

Classes

G900001 - Herdsmanship - Premium 10

Youth, who are exhibitors of beef, sheep, swine, goats, poultry and rabbits, are automatically entered in herdsmanship. Herdsmanship duties are the responsibility of exhibitors and not the leaders or parents. Each 4-H member will receive an individual score. Beef herdsmanship will be judged on Wednesday, Thursday, & Saturday. Swine, sheep and goat herdsmanship will be judged on Wednesday, Friday & Saturday. Poultry and rabbit herdsmanship will be judged on Thursday, Friday, & Saturday. Each 4-Her will receive 30 additional points for clean-up on Sunday.

5 points will be awarded for each criteria met below:

1. Each member's stall cards are displayed.
2. Animals are clean with grooming apparent.
3. Animals are adequately cared for with proper feeding and watering apparent.
4. Pen/stalling area is free of manure and bedding is adequate.
5. Tack/storage area is neat and all supplies and equipment are organized.
6. Proper courtesy and conduct is shown by exhibitors at all times and at all places.

WASHRACKS – Are to be used on days of shows by the animals that are showing that day. All others are to wait until shows are over.

Livestock Judging Contest - Premium 6

Youth must be enrolled in the Red Willow County 4-H program in order to participate in this contest.

County Only Classes

F500901 - Senior Division - 14 years old & older as of January 1

F500902 - Intermediate Division - Age 12 or 13 as of January 1

F500903 - Junior Division - Age 10 or 11 as of January 1

F500904 - Novice Division - Age 8 or 9 as of January 1

Fitting Contest

County only class

F500905 – All ages 8 – 18 by January 1

Veterinary Science

The purpose of a Veterinary Science exhibit is to inform the public about a common health problem of animals, a veterinary science principle or public health/zoonotic diseases.

Understand animals basic needs; Keep health records; Learn about future veterinary science technology; Take an animal's temperature and pulse; Recognize healthy skin and membranes; Clean and disinfect animals quarters; Study bacteria, viruses and parasites; Learn about diseases relationship to nutrition, stress, heredity and poison; Learn basic disease prevention techniques; Study environmental influences on animal health; Learn about maintaining animal health; Explore veterinary medicine as a career.

Resources: <https://go.unl.edu/ne4hvetscience> or https://4hcurriculum.unl.edu/index.php/main/program_project/20

Rules

1. A Veterinary Science exhibit may consist of a poster, notebook, or a display. The exhibit may represent material from any of the Veterinary Science projects including entry level exhibits from Unit 1.
2. If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves and other appropriate veterinary medical practices.
3. **First-Aid Kits** - Because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, **animal first aid kits containing any drugs or medications will be immediately disqualified and not displayed. First Aid Kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer generated print-outs, or empty packaging of pharmaceuticals.**
4. **Veterinary Science Posters** - This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22" x 28" and may be either vertical or horizontal.
5. **Veterinary Science Displays** - A display may include but is not limited to: A 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on ¼" plywood or equivalent that does not exceed 24" high or 32" wide or in a three ring binder or another bound notebook format.

Appropriate Veterinary Science Topics:

- Maintaining health
- Specific disease information
- Photographic display of normal and abnormal characteristics of animals
- Animal health or safety
- Public health or safety
- Proper animal management to ensure food safety & quality
- Efficient and safe livestock working facilities
- A topic of the exhibitor's choosing related to veterinary medicine or veterinary science

****Remember, since these are science displays, all references and information needs to be properly cited.** Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with veterinarians and excerpts from veterinary educational literature. Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.

Classes - Premium 6

H840001 - 4-H Veterinary Science Large Animal Poster, Notebook, or Display

H840002 - 4-H Veterinary Science Small Animal/Pet Poster, Notebook, or Display

Beef

Learn about beef cattle parts; Calculate the cost to raise a market beef animal; Learn how to select project animals; Learn how to care for young beef or dairy animals; Learn what kind of records should be kept for animal projects; Learn about beef cattle parts; Find out how to feed beef animals to achieve a reasonable amount of gain; Learn about beef cattle breeds; Learn how to care for beef animals; Learn to make buying decisions based on performance and visual evaluation

Resources: https://4hcurriculum.unl.edu/index.php/main/program_project/4

HOMEGROWN BRED AND FED MARKET – PREMIUM 1

Classes

G903902 – Homegrown Bred and Fed Market Steer

G903903 – Homegrown Bred and Fed Market Heifer

Market animals must meet the following criteria:

- Entry in these classes must be made in ShoWorks/Fairwire in addition to the Market Beef classes when Fair entries are made. Additions to these classes will not be made the day of the livestock show.
- Must be identified on a 4-H Market Animal Nomination Form and tagged with an official 840 USDA EID tag.
- Must have been born, raised and fed with-in the cattle operation of the 4-H'ers immediate family (parent, grandparent, brother, sister, aunt or uncle) in Red Willow County or the county in which the 4-H'er lives.
- Market project must be fed and taken care of by the 4-H member exhibiting the animal at the Red Willow County Fair or family members of the 4-H member.
- Animals must be determined home raised by June 1 on the Market Beef affidavit.

- Animals will be divided into show classes based on weight. Market Homegrown and Market Beef animals will be shown together.
- The top two Homegrown Market animals from each class, regardless of ribbon placing, will return to the ring with the 1st and 2nd purple Market Beef from each class to compete for the Overall Champion and Reserve Champion Homegrown Bred and Fed Market Beef and Overall Grand Champion and Reserve Champion Market Beef.

HOMEOWN BRED AND FED BREEDING - PREMIUM 1

Classes

G903904 - Homegrown bred and fed breeding heifer

Breeding heifers must meet the following criteria:

- Entry in these classes must be made in ShoWorks/Fairwire in addition to the Market Beef classes when Fair entries are made. Additions to these classes will not be made the day of the livestock show.
- Must be identified on a 4-H Breeding Animal Nomination Form and have a tattoo in one or both ears. Bangs tattoo does not meet this requirement.
- Must have been born and raised with-in the cattle operation of the 4-H'ers immediate family (parent, grandparent, brother, sister, aunt or uncle) in Red Willow County or the county in which the 4-H'er lives.
- Breeding project must be fed and taken care of by the 4-H member exhibiting the animal at the Red Willow County Fair or family members of the 4-H'er.
- Animals must be determined home raised by June 1 on the Breeding Beef affidavit.
- Animals will be shown according to breed and birthdate with all Breeding Heifers.
- The top two Homegrown Breeding animals from each class, regardless of ribbon placing, will return to the ring with the 1st and 2nd purple Breeding Heifers from each class to compete for the Champion and Reserve Champion Homegrown Bred and Fed Breeding Heifer for each breed and Grand Champion and Reserve Champion Breeding Heifer for each breed.
- Division champions will return to the ring to compete for Overall Grand Champion and Reserve Champion Homegrown Bred and Fed Breeding Heifer and Overall Grand Champion and Reserve Champion Breeding Beef.

BUCKET CALF - Premium 4

Rules – Bucket calves must be identified on a 4-H Bucket Calf Nomination Form and tagged with a county ID tag. A bucket calf can be an orphan or newborn calf; male or female; dairy or beef; hand fed on bucket or bottle. Select and/or purchase a calf born between January 1 and June 1 of current project year within two weeks of birth. The animals will be judged on a) health and condition of calf; b) showmanship, which includes how clean the animal is (this is not a fitting contest); c) knowledge of project; and d) tameness of the calf. All calves will be shown in a halter and the 4-H'er may not use a show stick. Dairy and Beef calves of either sex will be shown together. If shown, a calf should probably be at least 90 days of age. Project is limited to 4-H'ers 8-10 years old only. Bucket calves cannot be shown in Junior Showmanship. Bucket Calves will be released immediately following the show.

County Only Class

G901901 - Bucket Calf

STOCKER FEEDER - Premium 4

RULES – Stocker Feeders must be identified on a 4-H Stocker Feeder Nomination Form and tagged with a county ID tag or official 840 USDA EID tag if showing at State Fair. Calves must be born between January 1 and April 1 of the current year. Calves will be weighed and classed accordingly. Stocker Feeders will be released immediately following the show.

County Only Classes

British Breeds are Angus, Hereford and Shorthorn

G902902 - British Breed Steer

G902905 - Crossbred Steer

G902903 - British Breed Heifer

G902906 - Crossbred Heifer

G902904 - British Breed Bull

G902907 - Crossbred Bull

COW/CALF PAIRS – Premium 1

Class – G903901

Pairs will be released following the show, but may remain on the Fairgrounds if the calf is also being shown as a stocker feeder.

RULES – The tattooed dam must have been shown the previous year at the Red Willow County Fair as a breeding heifer and identified on the previous year's 4-H Breeding Animal Nomination Form. The calf (current year's off-spring) is eligible to be shown as a stocker feeder also. The pairs will be judged in pens and need not be halter broke.

Cow/Calf scoresheet may be picked up at the Extension Office prior to the contest.

BEEF SHOWMANSHIP - Premium 5

Classes

G010009 - Junior (Ages 8-10)

G010010 - Intermediate (Ages 11-13)

G010011 - Senior (Ages 14-over)

MARKET BEEF - DIVISION 11 - PREMIUM 1

Market beef must be identified on a 4-H Market Animal Nomination Form and tagged with an official 840 USDA EID tag. All market beef are required to be born on or after September 1, 2022. Market beef may also be identified on a 4-H Breeding Animal Nomination Form, however each animal may only be entered into Showworks/Fairwire to be shown at the Red Willow County Fair once, as either Market or Breeding, not both.

State Fair: All market beef to be shown at State Fair must be tagged with an official 840 USDA EID tag, owned by the exhibitor, completed the online nomination with payment through the official online database and have the DNA collector with hair sample submitted to the Extension Office by June 1. Heifers may be eligible as both market and breeding, provided a DNA collector envelope with hair samples have been submitted to the County Extension office and the completed online nomination with payment includes all required identification information for both a market and breeding animal June 1. This option does not allow the animal to be shown in both market and breeding at the same show. All State Fair applications for an entry must be made online by 8:00 p.m. on August 10. For purposes of exhibition, an animal can be nominated for the State Fair in both 4-H and FFA, but only shown in one organization or the other, not both. Youth will have until August 10 to declare if they will show 4-H or FFA at State Fair. Market beef will be classed by weight. Halters with throat straps, nose leads, barbed or studded show halter chain leads and other equipment determined to be distracting or severe to the animal by the division superintendent will not be permitted.

Classes

G011050 - Market Heifers - Will be combined with market steers if less than five head are exhibited at County Fair.

G011060 - Market Steers

MARKET BEEF ULTRASOUND CARCASS CONTEST – Premium 5

Class - G904904

This contest will be held following the market beef weigh-in and is encouraged for all Market Beef. Please thank the 4-H Council for their support of this contest.

4-H MARKET BEEF RATE OF GAIN CONTEST – Premium 5

Class – G904901

This is based on the rate of gain from the winter weigh-in date until weigh-in at County Fair. You do not need an entry tag for this contest. Monetary awards will be presented to the top 3 placings.

BREEDING HEIFERS - Premium 1

Breeding beef must be identified on a 4-H Breeding Animal Nomination Form and tattooed. The bangs tattoo does not fulfill this requirement. Heifers may also be identified on a 4-H Market Animal Nomination Form, however each animal may only be entered into Showworks/Fairwire to be shown at the Red Willow County Fair once, as either Market or Breeding, not both.

State Fair – All breeding heifers to be shown at State Fair must be owned by the exhibitor, completed the online nomination with payment through the official online database and have the DNA collector envelope with hair sample turned into the County Extension Office by June 1. Heifers may be eligible as both market and breeding, provided a DNA collector envelope with hair samples have been submitted to the County Extension office and the completed online nomination with payment includes all required identification information for both a market and breeding animal by June 1. This option does not allow the animal to be shown in both market and breeding at the same show. Registered heifers must have legible tattoo matching registration and online nomination. Commercial heifers must have legible tattoo matching the online nomination. Any heifer not having a legible tattoo or that shows evidence of a fresh or recent tattoo, will be disqualified from the show. A calf-hood vaccination tattoo is not considered an official identification tattoo. All heifers will be checked for tattoos. To be eligible to show in a registered class, a breeding animal must be owned by the exhibitor, have an official breed registration and be identified with a legible ear tattoo that corresponds with the registration papers. Breeding heifers must be recognized as registered and eligible to show by their respective state breed association to show in the registered classes. Animals whose registration papers are not approved for a specific breed division will show in the commercial division at the discretion of the Beef Superintendent. These heifers will need to follow guidelines outlined under commercial heifers. Original registration certificates for all breeds must be presented at check in. Only breeding heifers recognized as registered and eligible to show by their respective state Breed Associations will be allowed to compete in the breed classes. Original registration papers or electronic document presented using a tablet or smart phone will be accepted if pulled up or downloaded from their respective breed website. **NO PRINTED PAPER COPIES ACCEPTED.** All State Fair applications for an entry must be made online at www.statefair.org by 8:00 p.m. on August 10. For purposes of exhibition, an animal can be nominated for the State Fair in both 4-H and FFA, but only shown in one organization or the other, not both. Youth will have until August 10 to declare if they will show 4-H or FFA at State Fair.

Classes

All breeding heifers will be shown at County Fair in the following classes: Angus, Hereford, All Other Breeds, and Commercial classed by birthdate.

Angus Heifers

G012004 – Senior Yearling Heifers Calved Aug. - Dec. 2022 (should be bred but not calved prior to show)

G012010 – Junior Yearling Heifers Calved Jan. and Feb. 2023

G012020 – Spring Yearling Heifers Calved Mar. and Apr. 2023

G012030 – Summer or Intermediate Yearling Heifers Calved May and June 2023

G012040 – Summer or Intermediate Yearling Heifers Calved July and Aug. 2023

G012050 – Fall Heifer Calves Calved Sept. and Oct. 2023

G012060 – Fall Heifer Calves Calved Nov. and Dec. 2023

G012070 – Junior Breeding Heifer Calved January through April 2024

Commercial Heifers (Crossbred without a documented pedigree)

- G015010** – Commercial Breeding Heifers Calved Aug. – Dec. 2022 (should be bred but not calved prior to show)
- G015020** – Commercial Breeding Heifers Calved Jan. and Feb. 2023
- G015030** – Commercial Breeding Heifers Calved Mar. and Apr. 2023
- G015040** – Commercial Breeding Heifers Calved May and June 2023
- G015050** – Commercial Breeding Heifers Calved July and Aug. 2023
- G015060** – Commercial Breeding Heifers Calved Sept. and Oct. 2023
- G015070** – Commercial Breeding Heifers Calved Nov. and Dec. 2023
- G015080** – Commercial Breeding Heifers Calved January through April 2024

Hereford & Polled Hereford Heifers

Miniature Hereford heifers should enter the AOB division.

- G017004** – Senior Yearling Heifers Calved Aug. – Dec. 2022 (should be bred but not calved prior to show)
- G017010** – Junior Yearling Heifers Calved Jan. and Feb. 2023
- G017020** – Spring Yearling Heifers Calved Mar. and Apr. 2023
- G017030** – Summer or Intermediate Yearling Heifers Calved May and June 2023
- G017040** – Summer or Intermediate Yearling Heifers Calved July and Aug. 2023
- G017050** – Fall Heifer Calves Calved Sept. and Oct. 2023
- G017060** – Fall Heifer Calves Calved Nov. and Dec. 2023
- G017070** – Junior Breeding Heifer Calved January through April 2024

All Other Breeds (AOB) Heifers

- G023004** – Senior Yearling Heifers Calved Aug. – Dec. 2022 (should be bred but not calved prior to show)
- G023010** – Junior Yearling Heifers Calved Jan. and Feb. 2023
- G023020** – Spring Yearling Heifers Calved Mar. and Apr. 2023
- G023030** – Summer or Intermediate Yearling Heifers Calved May and June 2023
- G023040** – Summer or Intermediate Yearling Heifers Calved July and Aug. 2023
- G023050** – Fall Heifer Calves Calved Sept. and Oct. 2023
- G023060** – Fall Heifer Calves Calved Nov. and Dec. 2023
- G023070** – Junior Breeding Heifer Calved January through April 2024

Sheep

Learn about sheep parts and products; Calculate the cost of raising sheep; Find out how to care for sheep; Learn about sheep breeds; Find out how to prevent, diagnose and cure sheep health problems; Set production goals for your flock.

Resources: https://4hcurriculum.unl.edu/index.php/main/program_project/17

SHEEP SHOWMANSHIP - Premium 5

Classes

- G030011** - Senior (Ages 14 & over)
- G030010** - Intermediate (Ages 11-13)
- G030012** - Junior (Ages 8-10)

MARKET LAMBS - Premium 4

Market lambs must be identified on a 4-H Market Animal Nomination Form and tagged with a USDA official scrapie ID. Ewes may also be identified on a 4-H Breeding Animal Nomination Form, however each animal may only be entered into Showworks/Fairwire to be shown at the Red Willow County Fair once, as either Market or Breeding, not both. All market lambs are required to be born on or after December 1, 2023.

State Fair: All market lambs to be shown at State Fair must be tagged with a USDA official scrapie ID tag, owned by the exhibitor, completed the online nomination with payment through the official online database, and have the DNA collector envelope with hair sample submitted to the Extension Office by June 1. Ewes may be eligible as both market and breeding, provided a DNA collector envelope with hair samples have been submitted to the County Extension office and the completed online nomination with payment includes all required identification information for both a market and breeding animal by June 1. This option does not allow the animal to be shown in both market and breeding at the same show. All applications for a State Fair entry must be made online through the State Fair website by 8:00 p.m. on August 10. For purposes of exhibition, an animal can be nominated for the State Fair in both 4-H and FFA, but only shown in one organization or the other, not both. Youth will have until August 10 to declare if they will show 4-H or FFA at State Fair.

Class

G031070 – Market Lamb – All market lambs will be divided into classes by weight at County Fair.

4-H MARKET LAMBS RATE OF GAIN CONTEST – Premium 5

Class – G904902

This is based on the rate of gain from the spring weigh-in date until weigh-in at County Fair. Monetary awards will be presented to the top 3 placings.

MARKET LAMBS ULTRASOUND CARCASS CONTEST – Premium 5

Class – G904905

This contest will be held following the market sheep weigh-in and is encouraged for all market sheep. Please thank the 4-H Council for their support of this contest. No entry is necessary.

BREEDING EWES - Premium 4

Breeding sheep lambs must be identified on a 4-H Breeding Animal Nomination Form tagged with a USDA official scrapie ID. Ewes may also be identified on a 4-H Market Animal Nomination Form, however each animal may only be entered into Showworks/Fairwire to be shown at the Red Willow County Fair once, as either Market or Breeding, not both.

State Fair: All breeding sheep to be shown at State Fair must be tagged with a USDA official scrapie ID tag, owned by the exhibitor, completed the online nomination with payment through the official online database and have the DNA collector envelope with hair sample submitted to the County Extension Office by June 1. Ewes may be eligible as both market and breeding, provided a DNA collector envelope with hair samples have been submitted to the County Extension office and the completed online nomination with payment includes all required identification information for both a market and breeding animal by June 1. This option does not allow the animal to be shown in both market and breeding at the same show.

Age Classification of Breeding Ewes - Ewes born September 1, 2023 or after are classed as lambs. Ewes born between 9/1/2022 and 8/31/2023 will be classed as yearlings. Ewes born prior to 9/1/2022 are ineligible to show.

All breeding ewes and breeding does may subject to mouthing to verify age at State Fair. All ewe lambs and doe kids must have all temporary teeth present. Yearling ewes and does can have yearling teeth but cannot have two-year old teeth. Breeding ewes and does found to be in violation will be disqualified.

Classes

G032010 - Yearling Ewes (Born 9/1/2022 to 8/31/2023)

G032020 - Ewe Lambs (Born 9/1/2023 and after)

County Only Classes

G032950 - Yearling Ram

G032960 - Ram Lamb

G032970 - Ewe & Lamb (under 3 months old)

Swine

Learn about hog body parts; Calculate the cost to raise pigs; Find out how to care for pigs; Learn about pig breeds; Discover how to market products; Find out how to prevent, diagnose and treat swine health problems.

Resources: https://4hcurriculum.unl.edu/index.php/main/program_project/19

SWINE SHOWMANSHIP - Premium 5

Classes

G035007 - Junior (Ages 8-10)

G035008 - Intermediate (Ages 11-13)

G035009 - Senior (Ages 14 & over)

MARKET SWINE - Premium 4

Market swine must be identified on a 4-H Market Animal Nomination Form and tagged with an official 840 USDA EID tag or producer EID tag. Gilts may also be identified on a 4-H Breeding Animal Nomination Form, however each animal may only be entered into Showworks/Fairwire to be shown at the Red Willow County Fair once, as either Market or Breeding, not both.

State Fair: All market swine to be shown at State Fair must be tagged with an official 840 USDA EID tag or producer EID tag, owned by the exhibitor, completed the online nomination with payment through the official online database and have the DNA collector envelope with hair sample submitted to the Extension Office by June 1. Gilts may be eligible as both market and breeding, provided a DNA collector envelope with hair samples have been submitted to the County Extension office and the completed online nomination with payment includes all required identification information for both a market and breeding animal by June 1. This option does not allow the animal to be shown in both market and breeding at the same show. Hogs will be disqualified without exception if the EID information does not match the hog at check in. The universal ear notch system with notches will not be an acceptable form of identification at the Nebraska State Fair. All applications for an entry must be made online at www.statefair.org. All 4-H entries must be made through the State Fair website by 8:00 p.m. on August 10. For purposes of exhibition, an animal can be nominated for the State Fair in both 4-H and FFA, but only shown in one organization or the other, not both. Youth will have until August 10 to declare if they will show 4-H or FFA at State Fair.

Class

G035030 - Market Swine – Market swine classes will be divided as follows at County Fair: Light Weight: 0 – 244lbs.
Medium Weight: 245 – 275lbs.
Heavy Weight: 276lbs. & up

4-H MARKET SWINE ULTRASOUND CARCASS CONTEST – Premium 5

Class – G904906

This contest will be held following the market swine weigh-in and is encouraged for all Market Swine. Monetary awards will be presented to the top 3 placings. Please thank the 4-H Council for their sponsorship of the ultrasound services. No entry is necessary.

BREEDING SWINE - Premium 4

Breeding swine must be identified on a 4-H Breeding Animal Nomination Form and tagged with an official 840 USDA EID tag or producer EID tag. Gilts may also be identified on a 4-H Market Animal Nomination Form, however each animal may only be entered into Showworks/Fairwire to be shown at the Red Willow County Fair once, as either Market or Breeding, not both. All breeding gilts are required to be born on or after December 1, 2023.

State Fair: All breeding swine to be shown at State Fair must be tagged with an official 840 USDA EID tag or producer EID tag, owned by the exhibitor, completed the online nomination with payment through the official online database and have the DNA collector envelope with hair sample submitted to the Extension Office by June 1. Gilts may be eligible as both market and breeding, provided a DNA collector envelope with hair samples have been submitted to the County Extension office and the completed online nomination with payment includes all required identification information for both a market and breeding animal by June 1. This option does not allow the animal to be shown in both market and breeding at the same show. Hogs will be disqualified without exception if the EID information does not match the hog at check in. The universal ear notch system with notches will not be an acceptable form of identification at the Nebraska State Fair. All applications for an entry must be made online at www.statefair.org. All 4-H entries must be made through the State Fair website by 8:00 p.m. on August 10. For purposes of exhibition, an animal can be nominated for the State Fair in both 4-H and FFA, but only shown in one organization or the other, not both. Youth will have until August 10 to declare if they will show 4-H or FFA at State Fair.

Class

G037001 – Breeding Gilt – Classes will be divided at the discretion of the superintendent depending on number of entries.

Dairy Cattle

Explore dairy cattle breeds, select calves and identify parts; Focus on housing, hay quality, milking and health; Select cattle through records, promote dairy products and explore careers.

Resources: https://4hcurriculum.unl.edu/index.php/main/program_project/7

DAIRY CATTLE SHOWMANSHIP - Premium 5

Classes

G040001 - Junior (Ages 8-10)

G040002 - Intermediate (Ages 11-13)

G040003 - Senior (Ages 14 & over)

DAIRY CATTLE - Premium 1

Dairy Cattle must be identified on a 4-H & FFA Dairy Identification Affidavit by June 1 in order to show at the County Fair and/or State Fair.

County Only Classes

G049901 - Calves (12 months & under)

G049902 - Yearlings (over 12 months to 24 months)

G049903 - Mature Cows (over 24 months) milking or non-milking

Meat Goat

Learn and practice important life skills, such as decision making, record keeping, marketable skills, planning and organizing, and self responsibility; Demonstrate good care taking of the animals, land, and other resources involved; Help to spread knowledge about meat goat products and the meat goat industry; Learn about breeding meat goats; Learn how to care for meat goats; Learn to make buying decisions based on performance and visual evaluation; Learn about goat parts and breeds; Figure the cost to raise goats; Find out how to care for goats.

Resources: https://4hcurriculum.unl.edu/index.php/main/program_project/11

GOAT SHOWMANSHIP - PREMIUM 5

Classes

G058007 - Junior (Ages 8-10)

G058008 - Intermediate (Ages 11-13)

G058009 - Senior (Ages 14 & over)

DAIRY GOAT - PREMIUM 4

All dairy goats must be identified on a 4-H Breeding Animal Nomination Form and tagged with a USDA official scrapie ID. Under no circumstances may goats be exhibited which originate from scrapie-source flocks or scrapie-infected flocks.

County Only Classes

G051901 - Under 5 months

G051902 - 5 months to 8 months

G051903 - 8 months to 1 year

G051904 - 1 year to 2 years non-milking doe

G051906 - 2 & 3 years old-milking doe

G051907 - 4 years & older-milking doe

G051908 - Under 2 years-milking doe

G051909 - Junior Herd

G051910 - Mother-daughter

MARKET MEAT GOAT - Premium 4

Market goats must be identified on a 4-H Market Animal Nomination Form and tagged with a USDA official scrapie ID. Does may also be identified on a 4-H Breeding Animal Nomination Form, however each animal may only be entered into Showworks/Fairwire to be shown at the Red Willow County Fair once, as either Market or Breeding, not both.

State Fair: All market goats to be shown at State Fair must be tagged with a USDA official scrapie ID, owned by the exhibitor, completed the online nomination with payment through the official online database and have the DNA collector envelope with hair sample submitted to the Extension Office by June 1. Does may be eligible as both market and breeding, provided a DNA collector envelope with hair samples have been submitted to the County Extension office and the completed online nomination with payment includes all required identification information for both a market and breeding animal by June 1. This option does not allow the animal to be shown in both market and breeding at the same show. 4-H entries must be made through the State Fair website by 8:00 p.m. on August 10. For purposes of exhibition, an animal can be nominated for the State Fair in both 4-H and FFA, but only shown in one organization or the other, not both. Youth will have until August 10 to declare if they will show 4-H or FFA at State Fair. Market goats weighing less than 50 pounds at check in will not be eligible for a purple award or shipping.

All meat goats must be accompanied by appropriate health certificates. Initial shearing of or close clipping of goats should be done prior to acquiring health papers to aid in the detection of fungus problems that could cause disqualification for the goat show. Health certificates for goats should be issued within 10 days of exhibition. Under no circumstances may sheep and goats be exhibited which originate from scrapie-source flocks or scrapie-infected flocks.

AGE – All market goats are required to be born on or after December 1, 2023. Market goats are to have milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth.

HAIR LENGTH – All market goats must be uniformly slick shorn from the knee and hock up to allow inspection for club lamb fungus at any time of the fair.

HORNS – Goats must have horns blunted. Dehorning is acceptable and preferred.

NECK CHAINS – Goats are to be shown with either a halter, smooth neck chain or smooth collar only.

SHOW CLASS AND SEX – Market Goats may be doe or wether kids. Short scrotum, cryptorchid or buck kids are not eligible as market goats. All meat goats will be weighed and divided into classes based on total numbers and weight range. Market does and wethers will show together.

Class

G058010 - Market Goats (Wethers & Does)

BREEDING MEAT GOAT - Premium 4

All breeding meat goats must be identified on a 4-H Breeding Animal Nomination Form and tagged with a USDA official scrapie ID. Does may also be identified on a 4-H Breeding Animal Nomination Form, however each animal may only be entered into Showworks/Fairwire to be shown at the Red Willow County Fair once, as either Market or Breeding, not both.

State Fair: All registered and commercial breeding does to be shown at State Fair must be tagged with a USDA official scrapie ID, owned by the exhibitor, have completed the online nomination with payment through the official online database and have the DNA collector envelope with hair sample submitted to the County Extension Office by June 1. Does may be eligible as both market and breeding, provided a DNA collector envelope with hair samples have been submitted to the County Extension office and the completed online nomination with payment includes all required identification information for both a market and breeding animal by June 1. This option does not allow the animal to be shown in both market and breeding at the same show. All ewe lambs and doe kids must have all temporary teeth present. Yearling ewes and does can have yearling teeth but cannot have two-year-old teeth. All breeding ewes and breeding does may be subject to mouthing to verify age. Breeding ewes and breeding does found to be in violation will be disqualified. Does may be eligible as both market and breeding, provided a DNA collector envelope with hair samples have been submitted to the County Extension office and the completed online nomination with payment includes all required identification information for both a market and breeding animal by June 1. This option does not allow the animal to be shown in both market and breeding at the same show.

Classes

G059010 - Yearling Does (Born 9/1/2022 – 8/31/2023) Does born prior to 9/1/2022 are ineligible to show.

G059020 - Doe Kids (Born 9/1/2023 – 6/1/2024)

G059030 - Commercial Yearling Does (Born 9/1/2022 – 8/31/2023) Does born prior to 9/1/2022 are ineligible to show.

G059040 - Commercial Doe Kids (Born 9/1/2023 – 6/1/2024)

County Only Classes

G059905 - Mother/Daughter/Son

G059906 - Buck Kid

4-H MARKET GOAT RATE OF GAIN CONTEST – Premium 5

Class - G904903

This is based on the rate of gain from the spring weigh-in date until weigh-in at County Fair. Monetary awards will be presented to the top 3 placings.

MARKET GOAT ULTRASOUND CARCASS CONTEST- Premium 5

Class – G904907

This contest will be held following the market goat weigh-in and is encouraged for all market goats. Please thank the 4-H Council for their support of this contest. No entry is necessary.

Master Showmanship Contest

This is a class to select a Champion and Reserve all around showman. It is open to Champion Senior showman and Champion Intermediate showman in the following species: Beef, Sheep, Swine, Horse, Dairy and Goat. If the champion of a species declines to enter, the reserve champion showman is eligible. Intermediate showman will show in one ring, while senior showman will show in the other; upon completion the groups will switch rings. The showman of each species will furnish the animal they qualified for this contest with and Extension staff will secure additional animals as necessary. The beef, dairy and horses will show in one ring and the swine, sheep and goats will show in an adjacent ring. The official will select a champion and a reserve champion from both the senior division and intermediate division. Awards will be presented under the Big Top after the Master Showmanship Contest is completed. Previous Master Showmanship champions can compete again but must qualify with a different species.

Horse

Enrollment – Each participant must complete the 4-H enrollment process at v2.4honline.com and add the Horse project to their profile before attending practices.

The Red Willow County Fair Board, County of Red Willow, State of Nebraska an associate involved, will not be responsible for any loss, damage or injury to horses exhibited, or for any article of any kind or nature that may be lost, destroyed or in any way injured. Each exhibitor will be responsible for any injury that may be occasioned to any person or himself, whomsoever, by a horse exhibited or owned by him and shall indemnify the Fair Board against all claims and demands, of any nature, that grow out of any injury occasioned by any horse owned or exhibited by him or arise from negligence of the person in charge of such horse.

Rules – Each exhibitor must turn in a Horse ID sheet to the Extension Office by June 1 with all horses that may possibly compete at the county or state level.

Every exhibitor will be assigned a number in the horse show. In halter classes, one number will be worn on the back of the exhibitor. In performance classes, one number should be worn on the left side of the saddle blanket and the other on the right side. English riders may fasten numbers on their back.

Use the latest guide "Nebraska 4-H Horse Show and Judging Guide". The show will follow this guide. A stallion may be exhibited only during the calendar year in which he was foaled. Only the horses listed may be shown.

Dress Code – Rain or cold weather may alter dress code when approved.

Hats/Head Bands: A western hat must be worn and should stay on during the performance. Hats are optional only in barrel racing and pole bending and hat must stay on in barrel racing and pole bending if rider enters the arena wearing one. There will be a 2 second fine for losing a hat. Head bands - in Level II speed events, if hats are not worn, a plain white or green head band may be worn for rider's hair control if band is 3" or less in width. Feathers if present may not protrude beyond the outer edge of the brim nor above the top of the crown.

Shirts: Must be all white, including buttons, thread, etc., with convertible collars (one that is meant to be folded at the seam line and may or may not be buttoned at the base of the neck). Tuxedo, turtleneck or other stand up collars are not permitted. Sleeveless shirts or blouses are not permitted and long sleeves are recommended, although short sleeves are permitted. A 4-H arm band is required and is to be worn on the left arm above the elbow.

Pants: Dark blue denim jeans must be worn and a belt is recommended. Heavy contrasting threading and fringes are not permitted.

Shoes: Hard soled cowboy boots or shoes are considered safe and appropriate.

Optional: Chaps in Reining, Western Riding and Trail; Gloves in any class; Protective head gear.

Prohibited: Ball caps or hats other than western; Medals, emblems, large feathers, etc. on hats; Chaps in Pleasure, Horsemanship, Halter and Showmanship classes. Spurs are not to be worn in Showmanship and Halter classes.

All classes (except Halter and classes 931-934 and 953-954) are by age division as follows:

Division I (15 & older as of January 1)

Division II (12-14 years as of January 1)

Division III (10-11 years as of January 1)

Division IV (8-9 years as of January 1)

English Pleasure - Premium 4

County Only Class

G906931 - All age divisions

English Equitation - Premium 4

County Only Class

G906932 - All age divisions

Hunter Hack - Premium 4

County Only Class

G906933 - All age divisions

2 Yr. Old Snaffle Bit - Premium 4

County Only Class

G906934 - All age divisions

*In order to compete in Hunter Hack and 2 Year Old Snaffle Bit, youth must have passed the Level II test.

Halter - Premium 4 May enter more than 1 horse in the same class, but must get an alternate show person.

County Only Classes

G906901 - Jr. Mare (5 yrs & younger)

G906905 - Aged Mare (6 yrs & older)

G906906 - Mare with Foal (foal of current year)

G906908 - Jr. Gelding (5 yrs & younger)

G906912 - Aged Gelding (6 yrs & older)

Showmanship - Premium 5

County Only Classes

G906915 - Division I

G906916 - Division II

G906917 - Division III

G906918 - Division IV

Division I Showmanship winner is eligible to compete in the Senior Master Showmanship Contest.

Division II Showmanship winner is eligible to compete in the Intermediate Master Showmanship Contest.

Western Pleasure - Premium 4

County Only Classes

G906923 - Division I

G906924 - Division II

G906925 - Division III

G906926 - Division IV

Western Horsemanship - Premium 4

County Only Classes

G906927 - Division I

G906928 - Division II

G906929 - Division III

G906930 - Division IV

Bareback Equitation – Premium 4

County Only Classes

G906953 - Division I – youth ages 12 and older

G906954 - Division II – youth ages 11 and under

Ranch Horse Trail – Premium 4

County Only Classes

G906952 - All age divisions

***In order to compete in Ranch Horse Trail (Pattern Class), youth must have passed the Level II test.**

Reining - Premium 4

County Only Classes

G906935 - Division I

G906936 - Division II

G906937 - Division III

G906938 - Division IV

Pole Bending - Premium 4

County Only Classes

G906939 - Division I

G906940 - Division II

G906941 - Division III

G906942 - Division IV

Barrel Racing - Premium 4

County Only Classes

G906943 - Division I

G906944 - Division II

G906945 - Division III

G906946 - Division IV

Overall High Point Individual – Premium 4

Each individual exhibitor will select five events when entering classes online in ShoWorks/Fairwire and will receive an accumulative score made up of points received from the five selected events. Scoring is based on the ribbon placing and rank received within each class. Only one Pleasure or Horsemanship Class may be entered and Halter Classes are not eligible for this award. Scores from showmanship, then horsemanship, then pleasure will be used to break ties.

County Only Classes

G906947 - Division I

G906948 - Division II

G906949 - Division III

G906950 - Division IV

Overall Performance Horse – Premium 4

Each individual horse will receive an accumulative score made up of points received from each class the horse is shown in with the exception of Showmanship. The horse with the highest score at the end of the show will receive this award. Halter Classes are included in the point total for this award.

County Only Class

G906951 - Overall Performance Horse

Rabbit

Learn about rabbit breeds; Learn how to care for a rabbit; Learn to tattoo a rabbit; Learn about genetics and rabbit breeding.

Resources – <https://go.unl.edu/ne4hrabbit> or https://4hcurriculum.unl.edu/index.php/main/program_project/15

Herdsmanship – See General Livestock Rules.

State Fair – All rabbits, except fryers, have permanent ID numbers or names tattooed in their ear with a pin tattoo pliers and tattoo ink. Permanent marker numbers written in the ears of the rabbits are NOT permanent ID numbers. ID numbers or names along with class information must be supplied to superintendent at time of entry. All animals will be physically checked for tattoos during entry. Tattoos and class information must match the information found on the August 10 State Fair Pre-Entry registration list. Rabbits whose tattoos are not readable or do not match the registration information will not be allowed to show at the State Fair. Tattoos that have faded or are no longer readable should be re-done prior to State Fair.

Rabbit Showmanship – Any 4-H'er entered in the rabbit project is eligible to enter the competition. The participant may use any rabbit they have entered. Showmanship is based on grooming and training of the rabbit and the appearance and behavior of the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the rabbit. Primarily showmanship is the skill of the exhibitor in presenting and explaining the rabbit before the judge. The excellence of the rabbit is not considered in scoring. The judge may or may not ask questions of the exhibitor at the close of the routine.

RABBIT SHOWMANSHIP - Premium 5

Classes

G080067 - Junior (Ages 8-10)

G080068 - Intermediate (Ages 11-13)

G080069 - Senior (Ages 14 & older)

MARKET RABBITS - Premium 6

Classes

G080900 - Buck

G080901 - Doe

G080001 - Single Fryer – Not over 10 weeks of age. Minimum weight of 3½ pounds. Maximum weight of 5½ pounds.

G080002 - Meat Pen – Age limit 10 weeks. Minimum weight 3½ pounds each. Maximum weight 5½ pounds each. Meat pens shall consist of three rabbits, all of the same breed and variety. Broken group meat pens must also be of the same variety. A meat pen does not necessarily have to come from the same litter.

G080003 - Roaster – All rabbits entered in this class must be under 6 months of age. Minimum weight over 5½ pounds. Maximum weight 9 pounds.

G080004 - Stewers – All rabbits entered in this class must be 6 months of age and over. Minimum weight is over 8 pounds.

BREEDING RABBITS - Premium 6

Classes

G080902 - Buck

G080903 - Doe

PET RABBIT - Premium 6

County Only Class: G907903 - Pet Rabbit – Any crossbred rabbit

Poultry

Find out how to care for poultry; Select breeding pens; Learn to process a chicken; Learn about poultry breeds.

Resources – <https://go.unl.edu/ne4hpoultry> or https://4hcurriculum.unl.edu/index.php/main/program_project/14

Poultry/Rabbit Show Rules - Each exhibitor is responsible for feeding, watering and keeping pens and alley ways clean, and cleaning pens after animals are released.

Quality Assurance Certification: It is required that all exhibitors, not including Clover Kids, complete the annual Youth for the Quality Care of Animals (YQCA) course prior to June 15.

Trio - A pen of egg production birds that can be hybrids, crossbred, or purebred and shall consist of 3 sexually mature females. Egg production females will be judged for production qualities only and need not necessarily conform to breed standards.

Rules for Bantam & Other Poultry – The rules for standard size chickens apply equally to bantams, waterfowl and turkey where applicable.

Release Exhibits - Youth must check out with the Superintendent after cleaning their cages and alley ways.

Dress Code - See General Livestock Rules.

ANY BIRD WITH VISIBLE SIGNS OF DISEASE OR PARASITISM WILL BE REMOVED FROM THE EXHIBITION AREA AND RENDERED INELIGIBLE TO SHOW.

Herdsmanship – See General Livestock Rules.

Number of Entries per Exhibitor - three per breed. A 4-H'er is limited to five per class (example 5 in Large Fowl; 5 in Bantam Chickens; 3 in Ducks; 3 in Other). Entries must be 4-H project birds (grown in a 4-H member's project). A pen of broilers or egg production birds is considered one entry.

POULTRY SHOWMANSHIP - Premium 7

Any 4-H'er entered in the poultry project is eligible to enter the competition. Youth MUST know how to show poultry and poultry MUST be tame. The poultry must have been raised and trained by the 4-H'er. Basis for judging: showmanship is based on grooming and training of the bird and the appearance and behavior of the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the bird before the judge. The excellence of the bird is not considered in scoring. **Each exhibitor will be given a four minute time limit to complete.** The judge may or may not ask questions of the exhibitor at the close of the routine.

Classes

G070903 - Junior (Ages 8-10)

G070018 - Intermediate (Ages 11-13)

G070019 - Senior (Ages 14 & older)

POULTRY - Premium 6

Poultry will be judged at a show table in classes broken by breed classes (i.e. all American Breed would show at one time regardless of sex or age); exhibitors would be listed randomly in the show order. Bantams will be broken according to type. Ducks, geese, turkeys, pen of three broilers, emu, ostrich, pheasant, (etc.) will be judged in their cages or pens.

Classes

G070900 - Large Fowl – Each exhibitor may have up to 5 entries in this class

American (Plymouth Rock, Jersey Giant, Wyandotte, New Hampshire Red, Rhode Island Red)

Asiatic (Cochin, Brahmas, Langshan)

English (Cornish, Orpington, Australorps, Sussex, Dorkings)

Mediterranean (Leghorn, Buttercup, Minorca)

Continental (Polish, Hamburg, Campines, Faverolles, Houdan)

All Other Breeds (Naked Neck, Game, Sumatra, Araucanas, Ameraucanas)

G070901 - Bantam – Each exhibitor may have up to 5 entries in this class

Game Bantam (Modern and Old English)

Single Comb Clean Legged (Plymouth Rock, Leghorn, Japanese, Rhode Island Red, Orpingtons, New Hampshire)

Rose Comb Clean Legged (Rosecomb, Wyandotte, Sebright, Leghorn, Belgian Bearded D'Anver)

All Other Comb Clean Legged (Polish, Cornish, Houdan, Sumatra)

Feather Legged (Silkie, Cochin, Brahma, Belgian Bearded D'Uccle, Langshan)

Ducks will be judged in their cages.

G070902 - Ducks – Each exhibitor may have up to 3 entries in this class

Heavy (Pekin, Rouen, Muscovy)

Medium (Swedish, Buff, Crested, Cayuga)

Light (Runner, Khaki, Campbell)

Bantam Ducks (Call, Mallard, East India)

Other – Will be judged in their cages.

Each exhibitor may have up to 3 entries in each of the following classes:

G070013 - Geese (All weights)

G070014 - Egg Production Trios

G070018 - Turkey

G070919 - Pen of 3 Broilers

G070920 - Emu, ostrich, peacocks, pheasant, pigeons, etc.

Eggs

Judging will take place during the Poultry Show. Eggs will not be returned to the exhibitors.

G070015 – One dozen white eggs

G070016 – One dozen brown eggs

G070017 – One dozen other colored eggs

POULTRY POSTER - Premium 7

Rules: The poster MUST include a picture of the animal and the youth with their animal. One poster per exhibitor, youth must have a poultry or rabbit exhibit on display. Name, club, and town needs to be printed in the lower left hand corner of poster. General Information: Posters must be 22" x 14" or half of a regular poster board, youth can use any medium to decorate, except copyrighted materials, such as cartoon characters or commercial product names. There is no limit on the number of pictures youth can have on the poster. Different items youth might include are: feeding your animal, animal eating, the different stages of growth, weight, size, favorite food, snack, name, etc. Captions with photos would be appropriate.

Judging will take place during the Poultry Show.

County Only Class

G070930 - Poultry Poster

Cat/Companion Animal – Examples: guinea pigs, birds, tropical fish

General Information: The purpose of the Companion Animal project is to help youth better understand and appreciate the nature, life, care and management of small animals and fish. Each 4-H'er may enter one exhibit per class.

The exhibitor is required to be present during the judging of their exhibit and exhibits will be released as soon as judging is complete.

Rules: Only one entry per person, an exhibit is composed of the animal(s) and the cage or tank. The exhibit can contain from one to five animals. The exhibit will be judged as a whole; both animal(s) and the facility in which they are displayed in. No animal with nursing babies will be allowed. Animals will be judged on: health, condition of cage or tank, appropriate environment, proper food and water facilities and general knowledge that the 4-H'er knows about his/her companion animal.

Health Requirements: Animals should be free of fleas, ticks, mites, lice or other parasites and be free of any contagious diseases.

Classes Premium 7

G100011 - Poster – Can include entries covering any companion animal (including reptiles, companion birds or others). Exhibitors should make a poster with information on the proper care of a companion animal that they are not showing in another class of the Companion Animal Show. Poster should be the size of one full standard poster (should not exceed 22"x28") board.

County Only Class

G100921 - Project notebook – It should be limited to three 8½" x 11" pages double spaced. It should include no more than one page of photos or drawings. The information in the notebook should indicate the knowledge gained during this project. Discuss the care, life and management of the small animal or fish as well as equipment that is necessary for proper care of the pet.

Dog

Learn basic skills for dog care and training; Explore dog health, nutrition, care, showmanship and training; Investigate responsible breeding, diseases, dog roles and careers.

Resources – <http://go.unl.edu/ne4hdog> or https://4hcurriculum.unl.edu/index.php/main/program_project/8

DOG SHOW RULES: Please follow these rules carefully.

PROCEDURES – Those procedures described in Nebraska 4-H Dog Show Rules 4H421. Those entering the State Fair Dog Show are expected to read and follow the information in the State Fair 4-H Dog Exhibitor Letter which is posted on the web with the 4-H dog information. It is the dog exhibitor's responsibility to pick up after their dogs at all times.

DOG ELIGIBILITY - Exhibitor should provide primary care and training for the dog. The dog should reside with the exhibitor or be cared for by the exhibitor the majority of the year.

VACCINATION – All dogs must be immunized for distemper, hepatitis, parvo and rabies. The Nebraska State Fair Dog Show Vaccination Record Form (SF263) must be filled out and signed by a veterinarian and returned to the Extension Office by July 1. The Nebraska State Fair Show Vaccination Record Form SF263 must document all vaccinations within 1 year or 3 years depending on the vaccine given. All required vaccinations must be given within 1 to 3 years of the show date based on label guidelines. All vaccinations must be in effect at the time of the show. Explanation: Some vaccinations are viable for one year and some vaccinations are viable for three years, but are specifically designed and administered according to their label. It is not acceptable nor allowed to vaccinate a dog with a 1 year vaccine and plan to have it in effect for 3 years. The SF263 form must be submitted for each dog according to the entry guideline due date or will not be allowed to show.

NUMBER OF ENTRIES PER EXHIBITOR – Youth may enter one showmanship class, two agility classes (using different dogs and in different level of classes), two obedience classes (using different dogs and in different level of classes) and two rally classes (using different dogs and in different level of classes). Additionally, youth may enter team and/or brace at the county level.

ADVANCEMENT IN OBEDIENCE, AGILITY, AND RALLY CLASSES – Follow rules in Nebraska 4-H Dog Show Guidelines 4H421.

SHOWMANSHIP CLASSES – Classes are divided into age divisions. All 4-H dog exhibitors must show their own animals to be considered as participants in the Showmanship Contest. Showmen will be allowed to compete in a division each year based on their age.

DISQUALIFIED DOGS – Females in season will not be permitted to be shown. Overly aggressive dogs may be disqualified at the discretion of the judge or superintendent. Lameness or crippled dogs will not be permitted to show if it is determined by a show superintendent that it is affecting the health of the dog. See also PROCEDURES above for information about disqualification for dog soiling on show grounds.

AGE OF DOG – A dog that is exhibited at the State Fair must be 6 months or older. Agility dogs must be 18 months or older to participate in competition.

DRESS CODE – Exhibitors are required to wear a 4-H t-shirt with long, dark blue jeans. No headgear is worn in the show ring. Closed toed shoes with a non-slip sole are required. No flip flops or sandals are allowed.

BAITING – Baiting with food or a toy is not permitted and is cause for disqualification. Handlers may use baiting action without food or toys in showmanship. The judge or superintendent has the authority to disqualify violators.

EXHIBITOR RESPONSIBILITY – Cleanup shall be the exhibitor's responsibility. This includes all areas while on the show site. Dogs should use the designated dog run area. All dogs must remain on a leash held by the exhibitor or a responsible adult at all times.

SOILING IN THE RING – All clean up and disposal in designated trash cans is the responsibility of the exhibitor. If a dog has an accident in the show ring, the exhibitor will be asked to stop, clean up and disinfect the area with supplies provided by the show. Ring stewards will assist by holding the dog's leash. The exhibitor will finish their class and be lowered one ribbon placing as a penalty for that particular class due to soiling in the show ring.

Non-entered dogs and puppies are not allowed in the grooming area, ring waiting area, public seating areas, or on the arena floor. Only exhibitors are allowed to groom or work dogs at the show, both in and out of the rings.

AWARDS – Any award can be withheld if the exhibitor fails to cleanup around their area.

SUBSTITUTIONS – A dog may be substituted for showmanship classes only if it is injured or dies following the entry deadline. Substitutions are generally not allowed in obedience and agility classes, however; substitutions may be considered at the discretion of the superintendent. A substitute can be selected from the exhibitor's household family or from the household where the originally entered dog resides. Dog(s) may be substituted only if a superintendent is directly consulted prior to the show date.

County/State Fair – A Nebraska State Fair Dog Show Vaccination Form must be completed for all substitution dogs and received by the superintendent prior to the show date.

SHOWMANSHIP - Premium 5

Each class will be judged on handler's appearance (10%), grooming and conditioning of dog (20%), coordination of the dog and handler (50%), and general knowledge (20%).

Classes

G700010 - Junior (Ages 8-10)

G700020 - Intermediate (Ages 11-13)

G700030 - Senior (Ages 14 & over)

G700040 - Overall Dog Showman – Trophy winner (1st purple) out of the above three classes will compete for overall dog showman. There will be no premium; this will be a trophy only.

OBEDIENCE - Premium 4

County Only Classes – All exercises must be performed on a 6-foot leash. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

G701900 - Pre-Beginning Novice A – Both handler and dog are in their first year of experience.

G701901 - Pre-Beginning Novice B – Exhibitor or dog are beyond first year of competition.

Beginning Novice - All exercises must be performed on a 6-foot leash. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

Classes

G701010 - Beginning Novice Division A – Exhibitor and dog are in their first year of competition. Started Dog project after 10/1/2023.

G701020 - Beginning Novice Division B – Exhibitor or dog is beyond first year of competition.

G701025 - Beginning Novice Division C – Exhibitor and dog are beyond first year of competition.

G701030 - Novice A – Exhibitor and dog have received a purple in Beginning Novice and are in first year of Novice Class competition. Started after 10/1/2023. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

G701035 - Novice B – Exhibitor and dog are beyond first year of Novice Class competition. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

G701040 - Graduate Novice – Exhibitor and dog have received a purple in Novice. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

G701045 - Advanced Graduate Novice – Exhibitor and dog have received a purple in Graduate Novice. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

G701050 - Open – Exhibitor and dog have received a purple in Advanced Graduate Novice. All exercises off leash. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

G701055 - Graduate Open – Exhibitor and dog have received a purple in Open. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

G701060 - Utility – Exhibitor and dog have received a purple in Graduate Open. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

County Only Classes

G701970 - Team (2 handlers – 2 dogs) – All exercises must be performed on a six-foot leash. Dogs must heel including figure 8; come on recall; stand for examination; long sit for one minute and long down for three minutes. Please mark the box on the advance entry form if youth are interested in Team.

G701971 - Brace (1 handler – 2 dogs) – All exercise must be performed on a single six foot leash. Dogs will perform the beginning novice obedience exercises.

AGILITY - Premium 4

PROCEDURE – Agility will follow those procedures and classes described in Nebraska 4-H Dog Show Rules 4H421. If a youth has not had training or practiced on agility equipment, they may not enter a competition due to safety and training experience in agility. With heights of all agility dogs must be included with advanced entries. Levels 1 & 2 Agility classes are run on leash. Levels 3, 4 and 5 are all run off leash. One of each obstacle noted in each level are mandatory and duplicate obstacles will be added to make up quantities of obstacles in each level. Obstacle equipment needing repair or deemed unsafe by judge will be excluded from the competition. Judges determine the arrangements of the obstacles on the course. Obstacles in course should be numbered to note the obstacle order for the course.

Level 5 – Youth can use additional equipment for competition that they have access to and can use in practice. Obstacles that are used for agility competition events may be included from (AKC, CPE, USDAA, NADAC, UKC, etc.)

General rules - All dogs must wear a flat collar. NO other type is allowed. Each dog may be **exhibited by only one handler** in agility competition. Dogs must be **18 months old or older for State and county agility classes**. All obstacles are spaced 15 feet to 18 feet apart. Handlers should wear tennis shoes or shoes with non-skid soles. More than one dog may be entered per exhibitor. NO baiting, toys or training devices are allowed on the course during competition.

Agility Jump Heights – measure dogs at withers to determine jump height:

- Dogs 11 inches or less – 4 inches
- Dogs over 11 inches up to and including 14 inches – 8 inches
- Dogs over 14 inches up to and including 18 inches – 12 inches
- Dogs over 18 inches – 16 inches.

Classes

- G702010 - Level 1: On leash, 6 obstacles** – Refer to Nebraska 4-H Dog Show Rules 4H421 for details.
- G702020 - Level 2: On leash, 10 obstacles** – Refer to Nebraska 4-H Dog Show Rules 4H421 for details.
- G702030 - Level 3: Off leash, 10 obstacles** – Refer to Nebraska 4-H Dog Show Rules 4H421 for details.
- G702040 - Level 4: Off leash, 13 obstacles** – Refer to Nebraska 4-H Dog Show Rules 4H421 for details.
- G702050 - Level 5: Off leash, 15 – 20 obstacles** – Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

RALLY – Premium 4

Rally will follow those procedures and classes described in the Nebraska 4-H Dog Show Rules 4H421. Rally obedience is a dog sport based on obedience. It was originally from the obedience practice of “doodling” – doing a variety of interesting warm up and freestyle exercises. Many of the rally exercises are the same as or have the same parts (elements) of traditional obedience. Rally obedience is a dog performance class that uses directional signs that are numbered to indicate the course the handler is to follow during the performance. The team of dog and handler heel from sign to sign and perform the exercises indicated by the numbered sign at each location. At the start sign, the judge give permission to start the course and then the dog and handler go through the course. The judge will say “Are you ready?” followed by “Forward.” No other directives are given. The course consists of signs that instruct the team what to do. Unlike traditional obedience, handlers are allowed to encourage their dogs during the course. The number of stations/signs is noted below in the class description (start and finish signs are not included in the sign count and are automatically used). Signs may be duplicated and used more than one time to create the course.

PROCEDURE – Sequence and course map of the exercises will vary. The exhibitors will begin doing rally based on their level in obedience classes. Exhibitors must advance to the next level after receiving two purple ribbons. Jump heights are the same as agility classes.

LEVEL PLACEMENT – Once youth starts/competes in a chosen level they cannot move back down.

Classes

- G703010 - Beginning Rally** – Dog is on leash and there are 5-10 stations. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.
- G703020 - Rally 1** – Dog is on leash and there are 10-15 stations. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.
- G703030 - Rally 2** – Dog is off leash and there are 12-17 stations. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.
- G703040 - Rally 3** – Dog is off leash and there are 15-20 stations. Refer to Nebraska 4-H Dog Show Rules 4H421 for details.

Overall High Point Individual – Premium 4

- G704901 – Division 1**
- G704902 – Division 2**
- G704903 – Division 3**

G704904 – Overall Performance Dog – Premium 4

SCIENCE & TECHNOLOGY

STEM Rockets

This category gives 4-H'ers a chance to display the rockets and drones they have created. Through participation in this category 4-H'ers will show judges what they learned about and how they adapted their exhibit throughout this project. Involvement in STEM Rockets gives participants a first-hand experience in modern technology.

Fly kites and launch rockets; Explore space; Experience disorientation; Learn to fly an airplane; Make a shuttle on a string; Control flight directions; Create an altitude tracker; Evaluate navigation systems; Explore pilot certification requirements.

Resources: <https://go.unl.edu/ne4haerospace> or https://4hcurriculum.unl.edu/index.php/main/program_project/120

Rules:

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Each individual is limited to one exhibit per class.
3. Rockets must be supported substantially in order to protect the rocket from breakage. Rockets are to be mounted on a base that has dimensions equal or less than 12" x 12" and the base should be 3/4" thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12" x 12"), then construct a base that is large enough to protect the fins. The base size is dictated by the size of the rocket fins.
4. The rockets must be mounted vertically. Please do not attach sideboards or backdrops to the displays. In addition, a used engine or length of dowel pin is to be glued and/or screwed into the board and extended up into the rocket's engine mount to give added stability.
5. Rockets must be equipped as prepared for launching, with wadding and parachute or other recovery system. Rockets entered with live engines, wrong base size or sideboards will be disqualified.
6. A report, protected in a clear plastic cover, must include: 1) Rocket specification (include original or photo of manufacture packaging stating rocket skill level), 2) A flight record for each launching (weather, distance, flight height), 3) Number of launchings, 4) Flight pictures, 5) Safety (How did you choose your launch site? Document safe launch, preparations and precautions), 6) Objectives learned, 7) Conclusions.
7. The flight record should describe the engine used, what the rocket did in flight and recovery success. Points will not be deducted for launching, flight or recovery failures described. This includes any damage that may be shown on the rocket. Complete factory assembled rockets will not be accepted at the State Fair.
8. Judging is based upon display appearance, rocket appearance, workmanship, design or capabilities for flight, number of times launched and report. Three launches are required to earn the maximum launch points given on the score sheets. For scoring for the State Fair, only actual launches count, misfires will not count towards one of the required three launches.
 - For self-designed rockets only, please include a digital recorded copy of one flight. In the documentation, please include a description of stability testing before the rocket was flown.
 - The skill level of a project is not determined by number of years in project. Skill level is determined by the level listed on the manufacturing packaging.
 - 4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.
9. High power rockets (HPR) are similar to model rocketry with differences that include the propulsion power and weight increase of the model. They use motors in ranges over "G" power and/or weigh more than laws and regulations allow for unrestricted model rockets. These rockets are NOT appropriate for 4-H projects and will be disqualified.
10. Posters can be any size up to 28" by 22" when ready for display. Example: Tri fold poster boards are not 28" by 22" when fully open for display.

PRE-FLIGHT - Premium 6

Entry level rockets made with plastic fins and plastic body tubes are county only projects.

County Only Classes

H850901 - Factory Assembled Rocket - Any kit.

H850902 - Any Skill Unit 1 Rocket with wooden fins.

AEROSPACE/ROCKETS - Premium 5

Classes

H850001 – Rocket - Any skill level rocket with wooden fins and cardboard body tubes painted by hand or air brush.

H850002 – Aerospace Display – Poster or display board that displays or exemplifies one of the principles learned in the Lift Off project. Examples include: Display of rocket parts and purpose, explaining the parts of a NASA rocket or shuttle, interview of someone in the aerospace field or kite terminology. Include notebook containing terminology (definition) and what was learned. Display can be any size up to 28" x 22".

H850003 – Rocket - Any skill level rocket with wooden fins and cardboard body tubes painted using commercial application, for example: commercial spray paint.

SELF-DESIGNED ROCKET - Premium 5

Classes

H850004 – Rocket - Any self-designed rocket with wooden fins and cardboard body tubes.

DRONES – Premium 5

Class

H850005 – Drone Poster – Exhibit must be designed to educate yourself and others on one or more of the following topics: drone technologies, uses of drones, the different types of drones, types of training needed to operate drones and the laws and regulations users must follow. Posters can be any size up to 28" by 22".

H850006 – Drone Video – Exhibit must demonstrate how the drone interacts with the outside world. Examples include field scouting, surveying damage from natural disasters, drones used in commercial applications and settings, drones used for structural engineering. Video should not exceed 5 minutes. County Fair videos should be emailed to donna.kircher@unl.edu by July 15. State Fair qualified videos should be submitted to <https://go.unl.edu/2024nesfset> by August 10 or be uploaded to a video streaming application and exhibitors must provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

ROCKET LAUNCHING CONTEST - Premium 6

Rules: Members will fire rockets which were exhibited and will be judged on the flight and safety following launching, etc. The rockets that are launched MUST be entered and exhibited during County Fair to be eligible for the launching contest.

County Only Classes

F500931 - Division 1 - 12 years & over as of January 1

F500932 - Division 2 - 8-11 years old as of January 1

STEM Computers

This category gives 4-H'ers a chance to display their knowledge of computers. Through participation in this category 4-H'ers will develop presentations that show judges their knowledge in the different aspects of computer science. Involvement in STEM Computers gives participants a first-hand experience in modern technology.

Learn about hardware and software; Discuss Internet safety; Create and save data; Use Internet search engines; Take apart a computer; Participate in a chat room; Create a newspaper or magazine; Build your own computer system; Design a Web site; Develop a multimedia presentation; Use spreadsheets.

Resources: <https://go.unl.edu/ne4hcomputers> or https://4hcurriculum.unl.edu/index.php/main/program_project/123

Rules

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Each individual is limited to one exhibit per class.
3. Demonstration boards should include an overall title for the display, plus other necessary labeling.
4. Reports should be written using the scientific method whenever possible. Background, the question or hypothesis, what you plan to do and what you did, method used and observations, results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.
5. Please refer to the General Rules for the policy regarding firearms, items with a blade and other related items.
6. Please refer to the General Rules for the policy regarding use of copywritten images.
7. **Team Entries:** To qualify for entry at the Nebraska State Fair team materials entered in H860008 – Maker Space/Digital Fabrication must clearly be the work of a team instead of an individual and must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.

UNIT 1 – Premium 5

County Only Classes

H860901 - Poster - Create a poster on a lesson learned in Unit 1. Examples might include: Hardware, software programs, how to take care of a computer and operating systems.

H860902 - 4-H Promotional Flier - Exhibit should be created on an 8½" x 11" page using a commercially available software package. Flier can be color or black & white. Fliers can be a whole page or a folded flyer. Put exhibit in protective cover.

COMPUTER MYSTERIES - UNIT 2 - Premium 5

Classes

H860001 - Computer Application Notebook - 4-H exhibitor should use computer application to create a graphic notebook utilizing computer technology. 4-H'er may create any of the following; greeting card (5 different cards should be a birthday, wedding, anniversary, sympathy, get well or other); a business card (3 cards for 3 different individuals and businesses); menu (minimum of 2 pages including short description of foods and pricing); book layout (I-book); promotional flyer (3 flyers promoting 3 different events); newsletter (minimum 2 pages); or other: examples such as precision farming or family business logo, etc. This exhibit consists of a notebook (8½" x 11") which should include (1) a detailed report describing: (a) the task to be completed, (b) the computer application software required to complete the task, (c) specific features of the computer application software necessary for completing the task and (2) print out of your project. Project may be in color or black and white.

H860002 - Produce a Computer Slideshow Presentation - Using presentation software a 4-H Exhibitor designs a multimedia computer presentation on one topic related to youth. A notebook with a printout of all the slides should be submitted. Slideshow should include a minimum of 10 slides and not more than 25. Incorporate appropriate slide layouts, graphics, animations, and audio (music or voice and transition sounds do not count). Each slide should include notes for a presentation. All slideshows must be uploaded. County Fair entries must be emailed to donna.kircher@unl.edu by July 15. State fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 10 or entries can be uploaded to a cloud sharing service and exhibitors MUST provide a

hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

COMPUTER MYSTERIES - UNIT 3 - Premium 5

Classes

H860003 - Produce an Audio/Video Computer Presentation - Using presentation software, a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth, including audio and/or video elements. A notebook with a printout of all the slides should be submitted. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation, or voice over and/or original video clip. County Fair entries must be emailed to donna.kircher@unl.edu by July 15. State Fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 10 or entries can be uploaded to a cloud streaming service and exhibitors must provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

H860004 - How to STEM (Science, Technology, Engineering and Math) Presentation – Youth design a fully automated 2 to 5 minute 4-H “how to” video. Submissions should incorporate a picture or video of the 4-H'er, as well as their name (first name only), age (as of January 1 of the current year), years in 4-H and their personal interests or hobbies. County Fair entries must be emailed to donna.kircher@unl.edu by July 15. State Fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 10 or entries can be uploaded to a cloud streaming service and exhibitors must provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

H860005 – Virtual Platform Presentation – Youth design a fully automated educational presentation using any multimedia platform such as Tik Tok, YouTube, Canva, Canvas, etc. Submissions may include a notebook, poster, etc. explaining the process, experience and/or presentation. All submissions must include a link to the virtual presentation. County Fair entries must be emailed to donna.kircher@unl.edu by July 15. State Fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 10 or entries can be uploaded to a cloud streaming service and exhibitors must provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

H860006 - Create a Website, Blog or App – Design a simple website, blog or app for providing information about a topic related to youth. Include an explanation of why the entry was created. (Any current website, blog or app development platform is accepted such as Google Sites, iBuildApp, Wix, etc. If the website, blog or app isn't live, include all files on a flash drive in a plastic case. County Fair entries must be emailed to donna.kircher@unl.edu by July 15. State Fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 10 or entries can be uploaded to a cloud streaming service and exhibitors must provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

H860007 - 3D Printing – 3D printing uses plastic or other materials to build a three-dimensional (3D) object from a digital design (including 3D Pen Creation). Youth may use original designs or someone else's they have redesigned in a unique way. Exhibits will be judged based on the motivation and/or problem identified. For example, 3D objects printed as part of the design process for robot or other engineering project. Must include design notebook that addresses the following questions:

1. What was the motivation for your design or the problem you were solving with your design? ie. Is your item a functional or decorative piece?
2. Please include a picture of original design, citation of designer/website OR if design is completely original (you created it using CAD software), then state that it's original. If item was not completely original, indicate what you did to the original design to modify it to better meet the design problem stated in #1 above. Its design was modified multiple times, please indicate what change was made with each modification, and what prompted the need for the change. I.e. I printed it and the design was too fragile, so I resliced the print to make thicker external walls, or to have a denser infill.
3. Define your process for designing/printing. What software and/or hardware was used (indicate type of 3D printer or if item was created with 3D pen)?
4. What materials were selected for your project?
5. If your final design has any moving parts, define how you determined appropriate allowance in your design.
6. Identify any changes that you would make to improve your design.

H860008 – Maker Space/Digital Fabrication – This project is a computer generated project created using a laser cutter, vinyl cutter, heat press or CNC router. Vector or 3D based software such as Corel Draw or Fusion 360 would be an example of an appropriate software used to create your finished project. Project should include a notebook with the following:

1. What motivated you to create this project
2. Software and equipment used
3. Directions on how to create the project
4. Prototype of plans
5. Cost of creating project
6. Iterations or modifications made to original plans
7. Changes you would make if you remade the project

Team Entry Option: To qualify for entry at the Nebraska State Fair team materials entered in H860008 – Maker Space/Digital Fabrication must clearly be the work of a team instead of an individual and must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.

STEM Electricity

In this category 4-H'ers have the opportunity to create informational exhibits about the different aspects of electricity. Through involvement in this category 4-H'ers will be better educated about electricity and be able to present their knowledge to others. Explore electrical insulation; Learn about the effects of magnetism; Build and electromagnet and electric motor; Decode circuit diagrams; Build circuits and test voltages; Build a rocket launcher and a burglar alarm; Measure electrical usage; Replace electrical switches; Evaluate light bulbs and test for electrical power; Explore LED's and SCR's, transistors, and the construction of an SCR intruder alarm; Learn the basics of solid-state electronics; Build a blinking flasher and an amplifier; Explore LED's and SCR's.

Resources – <https://go.unl.edu/ne4helectricity> or https://4hcurriculum.unl.edu/index.php/main/program_project/126

Rules

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Each individual is limited to one exhibit per class.
3. Several classes require a display board which should be a height of 24" and not to exceed ¼" thickness. A height of 24 7/8" is acceptable to allow for the saw kerf (width) if two 24" boards are cut from one end of a 4' x 8' sheet of plywood. Nothing should be mounted within ¾" of the top or bottom of the board. (Example: Woodworking & Electricity)
 - Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
 - Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
 - Demonstration boards should include an overall title for the display, plus other necessary labeling.
 - Reports should be written using the scientific method whenever possible. Background, the question or hypothesis, what you plan to do and what you did, method used and observations, results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

MAGIC OF ELECTRICITY - UNIT 1

County Only Classes - 901 Premium 6, 902 Premium 7

H870901 - Item made from using skills learned in Magic of Electricity.

H870902 - Poster - Should exemplify one of the lessons learned in the Magic of Electricity project.

INVESTIGATING ELECTRICITY - UNIT 2

County Only Classes - Premium 7

H870903 - Item made from using skills learned in Investigating Electricity project.

H870904 - Poster - Should exemplify one of the lessons learned in the Investigating Electricity project.

ELECTRICITY - WIRED FOR POWER - UNIT 3

Classes 1-3 Premium 6, Class 4 Premium 7

H870001 - Electrical Tool/Supply Kit - Create an electrical supply kit to be used for basic electrical repair around the house. Include a brief description of each item and its use. Container should be appropriate to hold items.

H870002 - Lighting Comparison - Display studying the efficiency of various lighting (incandescent, fluorescent, halogen, light emitting diodes, etc.). Exhibit could be a poster display or an actual item.

H870003 - Electrical Display/Item - Show an application of one of the concepts learned in the Wired for Power project. Examples include: re-wiring or building a lamp, re-wiring or making a heavy duty extension cord or developing an electrical diagram of a house. Exhibit could be a poster display or an actual item.

H870004 - Poster - Should exemplify one of the lessons learned in the Wired for Power Project. Posters can be any size up to 28" x 22".

ELECTRONICS - UNIT 4

Classes - 5 Premium 6, Classes 6-7 Premium 5, Class 8 Premium 7

H870005 - Electrical/Electronic Part Identification - Display different parts used for electrical/electronic work. Exhibit should show the part (either picture or actual item) and give a brief description, including symbol of each part and its function. Display should include a minimum of 10 different parts.

H870006 - Electronic Display - Show an application of one of the concepts learned in the Entering Electronics project. Examples include: components of an electronic device (refer to page 35 of the Entering Electronics manual).

H870007 - Electronic Project - Exhibit an electronic item designed by the 4-H'er or from a manufactured kit that shows the electronic expertise of the 4-H'er. Examples include: a radio, computer or a volt meter.

H870008 - Poster - Should exemplify one of the lessons learned in the Entering Electronics project. Posters can be any size up to 28" x 22".

STEM Robotics

This category involves the many different aspects of Robotics. Participants will learn more about how robots are designed and developed as well as the mechanical and electronic elements of robots. Involvements in STEM Robotics gives participants a first-hand experience in modern technology.

Discover the design and functions of robotic arms; Build a robotic arm that moves; Explore robot movement, power transfer, and locomotion; Design and build machines the roll, slide, draw or move underwater; Make the connection between the mechanical and electronic elements of robots; Explore sensors, write programs, build circuits and design your own robot; Use commercial robotics kits to explore the world of robotics; Learn to program your robot using sensors, loops and conditional statements

Resources – <http://go.unl.edu/en4hrobotics> or https://4hcurriculum.unl.edu/index.php/main/program_project/136

Rules

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Each individual is limited to one exhibit per class.
3. Reports should be written using the scientific method whenever possible. Background, the question or hypothesis, what you plan to do and what you did, method used and observations, results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.
4. Posters can be any size up to 28" by 22" when ready for display. Example: tri fold poster boards are not 28" by 22" when fully open for display.

Team Entries: To qualify for entry at the Nebraska State Fair team materials entered in robotics classes that are clearly the work of a team instead of an individual must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team with all team members receiving the same ribbon placing.

Creating a video of your robot in action would be helpful for the judges but is not mandatory. Videos should be uploaded to a video streaming application and exhibitors should provide a hard copy QR code for viewing. County Fair entries must be emailed to donna.kircher@unl.edu by July 15. State Fair qualified videos should be submitted to <https://go.unl.edu/2024nesfset> by August 10 or videos can be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

Classes: 1 and 2 are Premium 7, All Other Premium 5

H861001 - Robotics Poster - Create a poster (28" x 22") communicating a robotics theme such as "Robot or Not", "Pseudocode", "Real World Robots", "Careers in Robots", "Autonomous Robotics", "Precision Agriculture" or a robotic topic of interest to the 4-H'er.

H861002 - Robotics Notebook – Explore a robotics topic in-depth and present your findings in a notebook. Documentation should include any designs, research, notes, pseudocode, data tables or other evidence of the 4-H'ers learning experience. The notebook should contain at least 3 pages. Topics could include a programming challenge, programming skills, calibration, sensor exploration or any of the topics suggested in Class 1.

H861004 – Robotics/Careers Interview - Interview someone who is working in the field of robotics and research the career in robotics. Interviews can either be written or in a multimedia format such as a short video. County Fair entries must be emailed to donna.kircher@unl.edu by July 15. State Fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 10 or entries can be uploaded to a video streaming application and exhibitors must provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing. Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font and 1" margins. Multimedia reports should be between 3 to 5 minutes in length.

H861005 - Robotics Sensor Notebook - Write pseudo code which includes at least three sensor activities. Include the code written and explain the code function. Codes can be submitted as a multimedia format. Multimedia presentations should be 3 to 5 minutes in length. County Fair entries must be emailed to donna.kircher@unl.edu by July 15. State Fair qualified entries should be submitted to <https://go.unl.edu/2024nesfset> by August 10 or entries can be uploaded to a cloud streaming service and exhibitors must provide a hard copy QR code for viewing. Exhibitors should test their codes or links on several devices to check for appropriate permissions for public viewing.

H861007 - Kit Labeled Robot (cannot be free programmed) and Notebook – This class is intended for explorations of robotic components such as arms or vehicles or educational kits marketed as robots that do not have the ability to be programmed to "sense, plan and act." The exhibit should include a notebook with the robot the youth has constructed. Included in the notebook should be (1) a description of what the robot does, (2) pictures of programs the robot can perform, (3) why they chose to build this particular form, and (4) how they problem solved any issues they might have had during building and programming. A picture story of assembly is recommended. If robot is more than 15" wide and 20" tall they may not be displayed in locked cases at State Fair.

H861008 – 3D Printed Robotics Parts – This class is intended for youth to create parts through 3D printing, that help create their robot or aid the robot in completing a coded function. Project should include notebook describing the process used to create the project, describe the success of your designed piece (did it work), intended use of the product and the modifications made to the item.

STEM Geospatial

STEM Geospatial is a diverse category that includes a variety of exhibits 4-H'ers can get involved in. Through participation in this category 4-H'ers will gain more knowledge about Nebraska's rich history and diverse geography. Take close note of the rules to ensure your exhibit qualifies.

Learn about Geography; Learn about Geographic Information Systems (GIS); Learn about Global Positioning Systems (GPS).

Resources – <https://go.unl.edu/ne4hgeo> or https://4hcurriculum.unl.edu/index.php/main/program_project/132

Rules

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Each individual is limited to one exhibit per class.
3. Reports should be written using the scientific method whenever possible. Background, the question or hypothesis, what you plan to do and what you did, method used and observations, results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.
4. Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items.
5. Please refer to the General Rules for the policy regarding use of copywritten images.

Classes – Premium 5

H880001 – Poster – Create a poster (not to exceed 14" x 22") communicating a GPS theme such as How GPS or GIS works, Careers that use GPS or GIS, How to use GPS, What is GIS, GPS or GIS in Agriculture, Precision Agriculture or a geospatial topic of interest.

H880002 – 4-H Favorite Places or Historical Site Poster – The 4-H exhibitor identifies a favorite place or historical site (including grave sites) in Nebraska. Exhibit should include latitude and longitude, digital picture and local area map. Poster size should not exceed 14" x 22".

H880003 – GPS Notebook – Keep a log of at least 5 places visited using a GPS enabled device. At least one site should be from a community other than where you live. For each site, record the latitude, longitude and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional but encouraged.

H880004 – Geocache – Assemble a themed geocache (physical geocache is required with exhibit). Each geocache should be a water-tight container. It should include a logbook and pencil for finders to log their visits and may include small trinket, geo-coins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. Register the site at geocaching.com, include a print-out of its registry. The entry may include a photograph of the cache in its intended hiding place.

H880005 – Agriculture Precision Mapping – 4-Her's will assemble a notebook that will include a minimum of 2 digital copies of various data layers that can be used in precision agriculture to identify spatial patterns and/or correlations (printed copies of websites where applications can be purchased is acceptable). A report of how the analysis of the various data will be used to make a management decision

H880006 - 4-H History Map/Preserve 4-H History: Nominate a Point of Interest for the 4-H History Map Project. Include a copy of the submitted form in a folder or notebook. To nominate a site for the 4-H history map please go to <http://arcg.is/1bvGogV>. For more information about 4-H history, go to http://4-hhistorypreservation.com/History_Map/. For a step by step video on nominating a point, please go to this link: <http://tinyurl.com/nominate4h>. Write a brief description of the historical significance of a 4-H place or person (a minimum of one paragraph.)

H880007 – GIS Thematic Map – Using any GIS software, create a thematic map. Thematic maps can utilize any subject of interest to the 4-H'er. Example map would be Amelia Earhart's or Sir Francis Drake's voyage, population density maps, water usage maps or 4-H project in Nebraska. Create GIS Map using data from books and/or internet. Use reliable data, (U.S Center or U.S. Census Bureau etc.). Map any size from 8.5" x 11" up to 36" x 24", should include Title, Base Map, Neat Line, North Arrow, and Legend. Identify the source of your information on the back of the map.

H880008 – Virtual Geocache – Keep a log of at least 5 places visited using a virtual geocache platform. At least one site should be from a community other than where you live. For each site, record the latitude, longitude, and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional, but highly recommended.

STEM Energy

This category provides 4-H'ers a way to present their ideas about renewable energy resources. Through participation in this category 4-H'ers will learn more about physics, friction, energy, and elasticity. In addition, participants will make a display to go along with their findings.

Learn basic principles of physics, such as friction, energy, elasticity; Do experiments with a radio-controlled pickup; Learn about wind and its uses; Design, create, build and test a wind-powered device; Explore wind as a potential energy source in the community.

Resources – <https://go.unl.edu/ne4hphysics-powerofwind> or https://4hcurriculum.unl.edu/index.php/main/program_project/133

Renewable Energy Resources:

United States Department of Energy: <https://www.energy.gov/clean-energy>

U.S Energy Information Administration: <https://www.eia.gov/energyexplained/renewable-sources/>

Natural Resources Defense Council: <https://www.nrdc.org/stories/renewable-energy-clean-facts>

Rules

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2. Each individual is limited to one exhibit per class.
3. Reports should be written using the scientific method whenever possible. Background, the question or hypothesis, what you plan to do and what you did, method used and observations, results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.
4. Posters can be any size up to 28" by 22" when ready for display. Example: tri fold poster boards are not 28" by 22" when fully open for display.

Classes 1 and 2 Premium 6, Class 3 Premium 4, Classes 4 and 5 Premium 6

H900001 – Create and Compare Energy Resources Poster – Poster should explore 2 alternative/renewable energy resources. Compare and contrast the 2 resources including two of the following information: amount of energy created, costs of production, usability of the energy, pros/cons of environmental impacts, etc. Posters can be any size up to 28" x 22".

H900002 – Experiment Notebook – Notebook will explore the scientific method involving alternative/renewable energy sources. Information required: 1) Hypothesis 2) Research 3) Experiment 4) Measure 5) Report or Redefine Hypothesis.

H900003 – Solar as Energy Display/Poster – Item should be the original design of the 4-H'er. Include the item or a picture if item is in excess of 6' tall or 2' x 2'. Include a notebook of why the item was designed and how it harnesses the power of the sun. Examples include solar ovens, solar panels, etc.

H900004 – Water as Energy Display/Poster – Item should be the original design of the 4-H'er. Include the item or a picture if item is in excess of 6'tall or 2' x 2'. Include a notebook of why the item was designed and how it harnesses the power of water.

H900005 – Wind as Energy Display/Poster – Item should be the original design of the 4-H'er. Include the item or a picture if the item is in excess of 6' tall or 2' x 2'. Include a notebook of why the item was designed and how it harnesses the power of wind.

H900006 – Other Nebraska Alternative Energy – Notebook should explore Nebraskan alternative energy source besides wind, water and solar power. Include information on type of power chosen, infrastructure for distribution, what resources are needed to create this alternative resource, cost of production and potential uses of bio-products. Examples include geothermal, biomass, ethanol, bio-diesel, methane reactors, etc.

STEM Woodworking

In this category 4-H'ers have the opportunity to create exhibits about varying levels of woodworking. In addition, participants can also create informational exhibits about their woodworking projects. Through involvement in STEM Woodworking 4-H'ers will be better educated about the topic and better their woodworking skills.

Develop skills such as measuring, squaring and cutting a board, driving nails, and using clamps and screws; Build a picture frame, a letter holder, a box, or an airplane; Measure , cut, sand, drill, and use advanced hand and power tools; Apply paint and use bolts and staples; Build a sawhorse, birdhouse, tool box, or a stool; Practice measuring angles, cutting dado and rabbet joints; Use a circular saw, a table saw, and a radial arm saw; Sand and stain wood.

Resources: <http://go.unl.edu/ne4hwoodworking> or https://4hcurriculum.unl.edu/index.php/main/program_project/144

Rules

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Each individual is limited to one exhibit per class.
3. **Requirements:** All articles exhibited must include a plan (with drawings or sketch or blueprints) stating dimensions and other critical instructions a builder would need to know how to build the project and 4-H'er's name and county. Plans may include narrative instructions in addition to the dimension drawings and include any alternations to the original plan. Part of the score depends on how well the project matches the plans. If the plans are modified, the changes from the original need to be noted on the plans. All plans used for making the article must be securely attached and protected by a clear plastic cover.
4. 4-H'ers must be in Unit 3 or Unit 4 for the exhibit to be considered for State Fair. All projects must have appropriate finish.
5. If the project (i.e. picnic tables, wishing wells, swings, chairs, bridges, doghouses, etc.) is designed to be used outside, it will be displayed outside.
6. At State Fair all outside projects MUST have entry tag and supporting information placed in a protective bag to prevent damage from weather events such as rain and be ATTACHED to projects with string, zip ties, etc.

MEASURING UP - Unit 1 - Premium 6

County Only Class

H911901 - Item Made Using Skills Learned in Measuring Up - Using the following project skills: Measuring, cutting, drilling, sanding, using basic hand tools (hammer, screwdriver, hand saw, drill, squares, wood files, etc.), fastening with nails and screws.

MAKING THE CUT - Unit 2 - Premium 6

County Only Class

H911902 - Item Made Using Skills Learned in Making the Cut - Using the following project skills: Learning to make a 45-degree angle, cutting on the angle, checking angles, learning about liquid finishers, orbital or pad sanders. Using the following tools: Square, handsaw, drill, rasp or file, crosscut saw, combination square, hole saw, miter box, etc.

NAILING IT TOGETHER - Unit 3 - Premium 5

Classes

H911001 - Woodworking Article – Item should be made using either joints, hinges, dowels or a dado joining made using skills learned in the Nailing It Together manual. Item is required to be appropriately finished. Examples include: bookcase, coffee table or end table.

H911003 - Recycled Woodworking Display – Article made from recycled, reclaimed, or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 or the Unit 3 manual. Exhibit must include the woodworking plan and a minimum one page report of how the engineering design process was used to develop the woodworking plan. Engineering Design Process:

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
4. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
5. Reason for article finish (What type of finish, how did you finish or why you chose this finish?)
6. Evaluate (How does your item solve the original need?)
7. Present results (How would you do this better next time?)

H911004 – Composite Wood Project – 60% of the project must be wood and 40% made from other materials such as metal, rubber, resin, etc. All plans and plan alternations must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside at State Fair.

H911005 – Outdoor Wood Project made with Treated Wood – Treated wood projects do not have to have a finished coating. All plans and plan alternations must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside at State Fair. Examples include: picnic tables, planters, outdoor furniture, etc.

H911006 – Wood Projects Created on a Turning Lathe – Article is the object created from spinning wood on a turning lathe. Article must be appropriately finished and/or sealed. Exhibit must include plans detailing design and process of completion, any changes made to the design, details of finishing techniques, and other relevant information about the article. Must include a description of tools used.

FINISHING UP - Unit 4 - Premium 4

Classes

H911007 - Woodworking Article - Item made using skills learned in the Finishing it Up Project. Examples include: dovetailing, making a pen using a lathe, overlays, using a router, etc. Item is required to be appropriately finished.

H911008 - Recycled Woodworking Display – Article made from recycled, reclaimed, or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. Exhibit must include the woodworking plan and a minimum one page report of how the design and engineering process was used to develop the woodworking plan.

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
4. Reason for article finish (What type of finish, how did you finish, or why you chose this finish?)
5. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
6. Evaluate (How does your item solve the original need?)
7. Present results (How would you do this better next time?)

STEM Welding

This category helps 4-H'ers learn the basics of welding. In addition, 4-H'ers get the opportunity to present their knowledge on the topic and display what they have made. Involvement in STEM Welding gives participants a first-hand experience in a skill that can be used for a lifetime.

Learn to cut metal with an arc solder; Weld high carbon, spring steel and alloy steels; Weld horizontal, vertical and overhead positions.

Resources – <http://go.unl.edu/ne4hwelding> or https://4hcurriculum.unl.edu/index.php/main/program_project/143

Rules

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Each individual is limited to one exhibit per class.
3. All welds exhibited in class 1 or 2 must be mounted on a 12" high x 15" long display board of thickness not to exceed 3/8". Attach each weld on a wire loop hinge or equivalent, so the judge can look at the bottom side of the weld when necessary. Each weld should be labeled with information stated 1) type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.) 2) kind of weld, 3) welder setting, 4) electrode/wire/rod size, and 5) electrode/wire/rod ID numbers. **Attach a wire to display board so it can be hung like a picture frame. No picture frame hangers accepted.**
4. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
5. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
6. Reports should be written using the scientific method whenever possible. Background, the question or hypothesis, what you plan to do and what you did, method used and observations, results: what you learned. All reports should include the 4-Her's name and county, be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

7. If no plans are included with welding art, welding article, welding furniture or composite weld project item will be disqualified.

If the project is designed to be used outdoors, it will be displayed outside at State Fair. All outside projects must have entry tag and supporting information placed in a protective bag to prevent damage from weather events such as rain and be attached to projects with string, zip ties, etc.

Class 1: 4-H Welding Project Tips and Suggestions

1. All welds should be made with the same electrode/wire/rod size and number.
2. Welds should be made only on one side of metal so penetration can be judged.
3. Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
4. It is suggested that all welds be of the same size and thickness as metal. These pieces, referred to as coupons, should be 1.5 to 2 inches wide and 3.5 to 4 inches long. A good way to get this size is to buy a new cold rolled strap iron and cut it to length. The extra width is needed to provide enough metal to absorb the heat from the welding process and prevent the coupons from becoming too hot before the bead is completed. Narrower coupons will become very hot, making an average welder setting too cold at the bead start, just about right in the middle, and too hot at the end. The correct way to weld narrow strips is to make short beads and allow time to cool, however this project requires a full-length bead.
5. Stick welding: Suggested coupon thickness ¼" if using 1/8" rod. Suggested rod-AC and DC straight or reverse polarity-first E-7014, second E-6013
6. MIG welding: Suggested coupon thickness ¼" if using .035 wire and 1/8" if using .023 wire
7. Oxy-Acetylene: Suggested coupon thickness 1/8". Suggested rod-1/8" mild steel rod

Class 2: 4-H Welding Project Tips and Suggestions

1. It is suggested that all welds be of the same size and thickness of metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4" x 4" or on individual coupons that are about 2" x 4" and ¼" thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014 and E-6010 for DC reverse polarity only.
2. Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.

Classes 3 & 4: 4-H Welding Projects Tips and Suggestions

1. All welds should be cleaned and protected from rust with paint or light oil. Plans are to be complete enough that if they were given to a welding shop, the item could be made without further instructions. Bill of materials should include a cost for all items used including steel, electrodes, paint, wheels, etc.

Arcs and Sparks

Classes 1, 2 & 4 Premium 5, Class 3 Premium 4

H920001 - Welding Joints - A display of one butt, one lap and one fillet weld.

H920002 - Position Welds - A display showing three beads welded in the vertical down, horizontal and overhead positions.

H920003 - Welding Art – Any art created using tack welds to hold the metal pieces together (examples include horseshoe projects). Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish.

H920004 - Welding Article - Any shop article where welding is used in the construction. 60% of item the must be completed by 4-H'er and notes regarding laser welding or machine welding must be included. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside at State Fair.

H920005 - Welding Furniture – Any furniture with 75% welding is used in the construction. 60% of the item must be completed by 4-H'er and notes regarding laser welding or machine welding must be included. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have the appropriate outdoor finish because project may be displayed outside at State Fair.

H920006 - Plasma Cutter/Welder Design - Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4-H members will create a notebook describing the design process to create the "artwork" to butt cut into metal. In the notebook include:

- A photo (front and back) of the finished project.
- Instructions on how to design was created (include software used), this allows for replication of the project.
- Lessons learned or improvements to the project.
- Steps to finish the project.

H920007 – Composite Weld Project – 60% of the project must be welded and 40% made from other materials such as wood, rubber, etc. Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have an appropriate outdoor finish because project may be displayed outside at State Fair.

CLOVER KIDS

****CLOVER KIDS IS A COUNTY ONLY PROGRAM - PROJECTS ARE NOT ELIGIBLE FOR STATE FAIR****

The purpose of the Clover Kids program is to promote the positive development of youth to become competent, caring, contributing citizens. The learning experience is the primary reason for involvement in the program. It is not the intent of the Nebraska Clover Kids program to duplicate the 8 to 19-year-old 4-H program, nor to create a "mini 4-H" concept. The Clover Kids program is designed with specific philosophies and education objectives focused on youth ages 5-7. Nebraska 4-H recommends the use of appropriate and recommended Clover Kids curriculum. This curriculum utilizes age-appropriate, cooperative-based methods. It provides opportunities for learning through activities emphasizing success for every child. Competition is inappropriate for this age level.

Enrollment – Clover Kids are enrolled in 4-H when they have completed the enrollment process at v2.4honline.com including adding the Clover Kids project to their profile and designating their 4-H County as Red Willow by June 15.

Premiums - Clover Kids will receive a participation ribbon for each project worth \$1.00 each. Each Clover Kid is asked to complete and return a record book to the Extension Office. The record book sheet is available at the Extension Office or at redwillow.unl.edu.

Judging - An older 4-H youth or adult will visit with the Clover Kid member about their exhibits in the 4-H Building on entry day.

Family Celebrations Around the World - In this project, you can find out about names and naming ceremonies around the world, make a Japanese doll and celebrate Boy's Day, Japanese style, learn a game to play during a Kwanza celebration.

Fair Exhibit Class

H954930 - Poster - Illustrating a family celebration or birthday party.

Clothing – See day and time of Clothing Day and Fashion Show & Performing Arts Showcase at the front of the book.

H954964 - Decorated T-Shirt or Fabric Accessory – **Judging will take place on Clothing Day between 9am – noon.**

H954973 - Fashion Show – Model a decorated t-shirt or fabric accessory. **Participants will model for the public at the Fashion Show & Performing Arts Showcase.**

Theater Arts - Youth will learn about tune, make a monologue and overcome stage fright.

Performance will be done at the Fashion Show & Performing Arts Showcase. See day and time at the front of the book.

H954931 - Instrumental performance

H954932 - Vocal performance

H954933 - Puppetry performance

Making Food for Me - In this project, you will identify names and functions of kitchen utensils; learn to measure ingredients properly; read and follow recipes; use food safety and cleanliness principles while preparing food; and learn to set the table for family meals.

Fair Exhibit - Classes

H954934 - Any Cookie - Two on a plate.

H954935 - Placemat – Colored and decorated. Laminated or protected with clear contact paper advised. (Center page in Making Food for Me project book)

Bicycle Adventures I - In this project, you can find out the importance of wearing a helmet, learn how to control the bike, practice hand signals and safe riding practices. Training wheels are permitted.

Fair Exhibit Class

H954936 - Bicycle Contest

A Space for Me – In this project, you can learn ways to keep your space or room organized, help the environment, and experience color.

Fair Exhibit Classes

H954938 - Dough Art

H954939 - Mobile

H954941 - Banner

H954942 - Collage

H954943 - Ceramic item

H954963 - Accessory for Your Room - An item to be displayed or used in your space or room.

H954965 - Original Drawing - May use any medium; must be framed and/or matted; finished & ready to be displayed in your space or room.

H954966 - Recycled Accessory for Your Room – An item to be displayed or used in your space or room made from a used item.

Just Outside the Door

Fair Exhibit Classes

H954952 - Animal/Wildlife Poster

H954954 - Bird Feeder

H954956 - Insect life mobile

H954957 - 3 vegetables - On a sturdy, white paper plate

H954958 - 3 cut flowers - Container should be glass of a neutral color that won't tip over and of adequate size to display blooms

H954959 - Plant from seed

Clover Kid projects involving calf, lamb, swine, and goat animals must adhere to the following guidelines:

- Animals allowed to be exhibited by Clover Kid 4-H members are listed above.
- A 4-H Clover Kid Livestock Nomination Form must be completed and turned into the Extension Office by June 1.
- Each animal must be tagged with a 4-H issued ear tag.
- Clover Kid members may show animals belonging to other 4-H members. In this case, a livestock affidavit needs to be completed by both 4-H members by June 1.
- This is a non-competitive exhibition and participants will receive Clover Kid ribbons only. 4-H does not sponsor or support pee-wee (non 4-H age youth) events or exhibitions.
- Exhibition includes discussions with the youth about their knowledge of the care and raising of the animal.
- The age, size, and temperament of animal projects must be appropriate for the exhibitor's age and size.
- Animals weighing more than 350 pounds at the time of the show are not appropriate for this age group and therefore are not allowed to be shown by Clover Kids.
- There must be one adult/teen volunteer present with every Clover Kid member at all times whenever they are handling or exhibiting animals. This applies to all Clover Kid animal projects.
- Exhibitors in this age group are not allowed to participate in a livestock sale or premium auction.
- Livestock being shown by Clover Kid members must be tagged with an official 4-H identification tag or EID tag.

H954967 – Calf – see show time on Fair Schedule in the front of the book.

H954968 – Lamb – see show time on Fair Schedule in the front of the book.

H954969 – Swine – see show time on Fair Schedule in the front of the book.

H954970 – Goat – see show time on Fair Schedule in the front of the book.

Clover Kid Dog Guidelines:

1. Provide a 4-H Certificate of Vaccination for Dogs to the Extension Office by July 1.
2. Can use their own dog or borrow a dog from another 4-H'er. The dog does not have to belong to the family.
3. See show day and time on the Fair Schedule in the front of the book.

H954971 – Dog Obedience – Clover Kids will do heal on leash with a modified L pattern. They will use the commands forward, sit, halt, right turn, left turn and about turn. They will also perform a sit stay with the dog in a sitting position at the handler's side for a judge's count of 10.

H954972 – Dog Agility – The Clover Kid agility pattern will be in a straight line and consist of a jump, the dog walk placed on the ground and another jump. The jump height for all Clover Kids is a maximum of 4" and the youth are allowed to jump over the jump with their dog.

H954946 - Poultry – See Rabbit and Poultry show time on the Fair Schedule in the front of the book.

H954949 - One Dozen Eggs – Judging will take place during the Poultry and Rabbit Show.

H954948 - Rabbit – See Rabbit and Poultry show time on the Fair Schedule in the front of the book.

H954947 - Livestock Judging – See day and time on the Fair Schedule in the front of the book.

Aerospace Unit 1 - In this project, you find out how birds and aircraft fly, learn about jobs in aviation and space, make a "space helmet" and use "space-suit" type gloves.

Fair Exhibit Classes

H954961 - Rocket

H954962 - Rocket Launch Contest

4-H ACHIEVEMENT APPLICATION

The Nebraska 4-H Achievement Application is the annual record-keeping system used by Nebraska and Red Willow County 4-H. It is a composite of all 4-H and non-4-H projects/activities throughout the individual's 4-H career. The 4-H Achievement Application is required for 4-H youth to be eligible for many county and state awards. In order to receive premium money for the ribbons received at County Fair, 4-H members must complete their Achievement Application. There is also a simple one page Clover Kid Record Book. However, Clover Kids will receive their premium money regardless of whether they complete the form.

The Nebraska 4-H Achievement Application forms can be found at <https://4h.unl.edu/achievement-application>. If you need assistance in completing the Achievement Application, please contact Donna at the Extension Office.

AWARD APPLICATION GUIDELINES

To apply for county awards you must:

1. Have been enrolled in project curriculum area for two years
2. Apply at your appropriate age level as of January 1 of the current year
 - o Junior Level – 10 & 11 year olds (Bronze Award)
 - o Intermediate Level – 12 & 13 year olds (Silver Award)
 - o Senior Level – 14 – 18 year olds (Gold Award)
3. May only win one award in each of the five curriculum areas at each age level and state nominee.
4. May apply at the Senior Level and for State Nominee at the same time.
5. Must be enrolled in the curriculum area you are applying for an award in at the time you are applying.
6. Curriculum areas include:
 - o Agriculture
 - o STEM
 - o Leadership & Entrepreneurship
 - o Healthy Living
 - o College & Career Preparation for My Future

State Nominee – Senior level award applicants may also apply to be a state nominee. This is the chance to have your 4-H Achievement Application advanced to the state level for the possibility to be selected to represent Nebraska at the National 4-H Youth Congress and National 4-H Conference based upon the achievements outlined in the 4-H Achievement Application.

DIAMOND CLOVER PROGRAM

The Nebraska 4-H Diamond Clover program encourages 4-H youth to engage in a variety of projects and activities that will enable members to acquire the life skills necessary to lead successful lives as a competent, caring, and contributing citizen. The program's overall goal is to provide 4-H members a rich and diverse learning experience. The Nebraska 4-H Diamond Clover Program is designed for all ages of 4-H members. The program consists of six levels that require a 4-H member to plan and report a broad range of age-appropriate accomplishments. The program is designed to enable every 4-H member willing to exert the effort an opportunity to be recognized, regardless of how they are involved in 4-H.

To begin the Diamond Clover program, a 4-H member must complete the Plan & Report Form for the level they are applying. These are due to be turned into the Extension Office by the beginning of October each year with your Career Portfolio. The Diamond Clover Plan & Report Forms can be found at <http://4h.unl.edu/diamond-clover>.

Diamond Clover Levels are:

- Level 1 – Amethyst, Anticipated for ages 8-9
- Level 2 – Aquamarine, Anticipated for ages 10-11
- Level 3 – Ruby, Anticipated for ages 12-13
- Level 4 – Sapphire, Anticipated for ages 14-15
- Level 5 – Emerald, Anticipated for ages 15-17
- Level 6 – Diamond, Anticipated for ages 16 & up

Premier Science Award

Recognize 4-H youth static exhibits incorporating or demonstrating concepts from the areas of 4-H Science (science, technology, engineering, or applied math) at the Nebraska State Fair.

Exhibits in all curriculum areas will be considered for the award.

Rules:

Application

- Participants may select ONE exhibit from any department which was selected for State Fair to complete their awards application about.
- Application form: <https://go.unl.edu/nsfpremierscienceapp>
- An awards application, along with any supplemental documents, should be completed and turned in to the County Office by the county's entry deadline. Handwritten or typed entries are accepted. Entries are only judged on the information included in the application.
- Award applications need to include a photograph of the exhibit. The photograph will not be used for judging, but is needed if the exhibit needs to be located in the exhibit hall.

Judging

- A score sheet will be used to judge each exhibit. Exhibits which do not have a completed application or photograph can be disqualified at the discretion of the judge.
- Participants will be scored on how well they communicate their use of the Scientific Method or Engineering Design Process while completing their exhibit.
- An exhibit involving a science topic does not necessary qualify it to be the best choice for this award.

Eligibility

The awards application and the exhibit selected for State Fair which the application is written about must both be at State Fair. Awards applications which do not accompany an exhibit (which has been checked in at the exhibits department) will be disqualified.

IAFE (INTERNATIONAL ASSOCIATION OF FAIRS AND EXPOSITIONS) CODE OF SHOW RING ETHICS

Exhibitors of animals at livestock shows shall at all times deport themselves with honesty and good sportsmanship. Their conduct in this competitive environment shall always reflect the highest standards of honor and dignity to promote the advancement of agricultural education. This code applies to junior as well as open class exhibitors who compete in structured classes of competition. This code applies to all livestock offered in any event at a livestock show. In addition to the "IAFE Code of Show Ring Ethics," fairs and livestock shows may have rules and regulations which they impose on the local, county, state, provincial and national levels.

All youth leaders working with junior exhibitors are under an affirmative responsibility to do more than avoid improper conduct or questionable acts. Their moral values must be so certain and positive that those younger and more pliable will be influenced by their fine example. Owners, exhibitors, fitters, trainers and absolutely responsible persons who violate the code of ethics will forfeit premiums, awards and auction proceeds and shall be prohibited from future exhibition in accordance with the rules adopted by the respective fairs and livestock shows. Exhibitors who violate this code of ethics demean the integrity of all livestock exhibitors and should be prohibited from competition at all livestock shows in the United States and Canada.

The following is a list of guidelines for all exhibitors and all livestock in competitive events:

- 1) All exhibitors must present, upon request of fair and livestock show officials, proof of ownership, length of ownership, and age of all animals entered. Misrepresentation of ownership, age, or any facts relating thereto is prohibited.
- 2) Owners, exhibitors, fitters, trainers, or absolutely responsible persons shall provide animal health certificates from licensed veterinarians upon request by fair or livestock show officials.
- 3) Junior exhibitors are expected to care for and groom their animals while at fairs or livestock shows.
- 4) Animals shall be presented to show events where they will enter the food chain free of violative drug residues. The act of entering an animal in a livestock show is the giving of, consent by the owner, exhibitor, fitter, trainer and/or absolutely responsible person for show management to obtain any specimens of urine, saliva, blood, or other substances from the animal to be used in testing. Animals not entered in an event which culminates with the animal entering the food chain shall not be administered drugs other than in accordance with applicable federal, state and provincial statutes, regulations and rules. Livestock shall not be exhibited if the drugs administered in accordance with federal, state and provincial statutes, regulations and rules affect the animal's performance or appearance at the event. If the laboratory report on the analysis of saliva, urine, blood, or other sample taken from livestock indicates the presence of forbidden drugs or medication, this shall be prima facie evidence such substance has been administered to the animal either internally or externally. It is presumed that the sample of urine, saliva, blood, or other substance tested by the laboratory, to which it is sent, is the one taken from the animal in question, its integrity is preserved and all procedures of said collection and preservation, transfer to the laboratory and analysis of the sample are correct and accurate and the report received from the laboratory pertains to the sample taken from the animal in question and correctly reflects the condition of the animal at the time the sample was taken, with the burden on the owner, exhibitor, fitter, trainer, or absolutely responsible person to prove otherwise. At any time after an animal arrives on the fair or livestock show premises, all treatments involving the use of drugs and/or medications for the sole purpose of protecting the health of the animal shall be administered by a licensed veterinarian.
- 5) Any surgical procedure or injection of any foreign substance or drug or the external application of any substance (irritant, counterirritant, or similar substance) which could affect the animal's performance or alter its natural contour, confirmation, or appearance, except external applications of substances to the hoofs or horns of animals which affect appearance only and except for surgical procedures performed by a duly licensed veterinarian for the sole purpose of protecting the health of the animal, is prohibited.
- 6) The use of showing and/or handling practices or devices such as striking animals to cause swelling, using electrical contrivance, or other similar practices are not acceptable and are prohibited.
- 7) Direct criticism or interference with the judge, fair or livestock show management, other exhibitors, breed representatives, or show officials before, during, or after the competitive event is prohibited. In the furtherance of their official duty, all judges, fair and livestock show management, or other show officials shall be treated with courtesy, cooperation and respect and no person shall direct abusive or threatening conduct toward them.
- 8) No owner, exhibitor, fitter, trainer, or absolutely responsible person shall conspire with another person or persons to intentionally violate this code of ethics or knowingly contribute or cooperate with another person or persons either by affirmative action or inaction to violate this code of ethics. Violation of this rule shall subject such individual to disciplinary action.
- 9) The application of this code of ethics provides for absolute responsibility for an animal's condition by an owner, exhibitor, fitter, trainer, or participant whether or not he or she was actually instrumental in or had actual knowledge of the treatment of the animal in contravention of this code of ethics.
- 10) The act of entering an animal is the giving of consent by the owner, exhibitor, fitter, trainer, or absolutely responsible person to have disciplinary action taken by the fair or livestock show for violation of this Code of Show Ring Ethics and any other rules of competition of the fair or livestock show without recourse against the fair or livestock show. The act of entering an animal is the giving of consent that any proceedings or disciplinary action taken by the fair or livestock show may be published with the name of the violator or violators in any publication of the International Association of Fairs and Expositions, including Fairs and Expos and any special notices to members. 11) The act of entering of an animal in a fair or livestock show is the giving of verification by the owner, exhibitor, fitter, trainer, or absolutely responsible person that he or she has read the IAFE Code of Show Ring Ethics and understands the consequences of and penalties provided for actions prohibited by the code. It is further a consent that any action which contravenes these rules and is also in violation of federal, state, or provincial statutes, regulations, or rules may be released to appropriate law enforcement authorities with jurisdiction over such infractions.