

2021
Franklin County Fair
4-H
FFA
Exhibitor Book



July 5-11, 2021

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Regarding 4-H & FFA, the Franklin Co. Ag Society is responsible for the 4-H/FFA Livestock Auction and Scramble Contests. Any questions or concerns regarding other aspects of the fair with reference to 4-H or FFA needs to be addressed to the 4-H Council President, FFA Advisor, and Extension Staff. All protests will be directed to the Protest Committee and procedures followed as listed on page 86.

**THE FRANKLIN COUNTY AG SOCIETY IS NOT RESPONSIBLE FOR LOSS OF
ITEMS, DAMAGE OR ACCIDENTS.**

2021 CALENDAR OF EVENTS

THURSDAY, JUNE 3, 2021

South Central Livestock Judging at Bladen

THURSDAY, JUNE 10, 2021

County Camp Day - TBD

TUESDAY, JUNE 15, 2021

Livestock and Horse ID Sheets due

Last day to add projects to on-line enrollment

JUNE 2- JUNE 4 and JUNE 14 - JUNE 16, 2021

Kidz Kollege sessions

MONDAY, JUNE 21, 2021

Advance entries due for Horse and Livestock

WEDNESDAY, JUNE 23, 2021

Clover Kid Camp – Franklin Co Fairgrounds

SATURDAY, JUNE 26, 2021

Clean-up at the Fairgrounds - 8:30 a.m.

4-H Trap Shooting at 6:00 pm at the Shooting Range with supper provided

SUNDAY, JUNE 27 -TUESDAY, JUNE 29, 2021

PASE State Livestock Events & FCS Life Challenge Events in Lincoln

THURSDAY, JULY 1, 2021

4-H Clothing Judging,4-H Favorite Food Fair/4-H Presentations Contest - TBA - Fairgrounds

Public Fashion Revue/Talent Showcase at 6:30 p.m.

MONDAY, JULY 5, 2021

4-H FCS/Misc. by appointment. Please sign up on the Qualtrics Survey by July 3rd for your appointment time. Open Class check-in for 4-H families will happen at the same time. All other Open Class entries can be made from 4:00 p.m. to 7:00 p.m.

TUESDAY, JULY 6, 2021

4-H & Open Class Judging

WEDNESDAY, JULY 7, 2021

4:30 p.m.: **All livestock must be in stalls**

5:00 p.m.: Hog, Sheep & Goat, Beef Weigh-in

Breeding and Dairy check in will begin after market weigh-in is complete

THURSDAY, JULY 8, 2021

8:30 a.m.: Small Animal Check-in

9:00 a.m.: Small Animal Judging/Pee Wee Chicken Showmanship

9:30–11 a.m.: BINGO

2:00 p.m.: Water Fight

3:00–5 p.m.: BINGO

6:00 p.m.: BBQ Cookoff

Garry Moore Amusements on the Midway

FRIDAY, JULY 9, 2021

8:30 a.m.: **4-H/FFA Hog Show**
9:00–11 a.m.: BINGO
1:00 p.m.: **4-H/FFA Sheep & Goat Show**
Pee Wee Hog/Sheep/Goat Show
Best Dressed Goat & Sheep Contest
Followed by Overall Hog/Goat/Sheep Showmanship Contest
1:30-3:30 pm.: BINGO
6:00 p.m.: Ranch Rodeo
Garry Moore Amusements on the Midway

SATURDAY, JULY 10, 2021

8:30 a.m.: Bucket Calf Record Sheets due
8:30 a.m.: **4-H/FFA Beef Show**
4-H/FFA Dairy Show
4-H Bucket Calf Show & Pee Wee Bucket Calf Show
Overall Showmanship Contest
SALE CARDS ARE DUE ONE-HALF HOUR AFTER
CONCLUSION OF BEEF SHOW!
10 a.m.-Noon: BINGO
2:00 p.m.: Ag Olympics in show arena
4-5:00 p.m.: BINGO
7:00 p.m.: Demo Derby
Garry Moore Amusements on the Midway

SUNDAY, JULY 11, 2021

9:30 a.m.: Church Services inside Ag Building
11:00 a.m. –
1:00 p.m.: Release of 4-H and Open Class Exhibits in the building
1:00 p.m.: Baking Contest
1:30 p.m.: Little Tuggers Tractor Pull
3:30-4:30 p.m. BINGO
5:00 p.m.: Free BBQ/AK-SAR-BEN Farm Family Awards/Buyer's Meal
7:00 p.m.: 4-H/FFA Livestock Auction
8:00 p.m.: Clean-Up

SATURDAY, JULY 31, 2021

4-H Horse Show at 8:30 a.m. at the Kearney Co. Fairgrounds

MONDAY, AUGUST 9, 2021

Record Books and/or Career Portfolios due into the Extension Office by 4:30 p.m.

TUESDAY, AUGUST 10, 2021

State Fair **LIVESTOCK** entries are due via ShoWorks

AUGUST 27-SEPTEMBER 6, 2021

Nebraska State Fair

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GENERAL RULES

The following rules apply to all divisions. Rules which apply specifically to a particular division will be listed under rules for that division. Exhibits are limited to boys and girls enrolled as 4-H or FFA members in Franklin County (this includes members in clubs, independent members and special interest groups). 4-H or FFA members are required to make their entries through their FFA Advisor or at the Extension Office.

- A. ELIGIBILITY REQUIREMENTS - An exhibitor must be enrolled as a Franklin County 4-H member or an FFA member in the Franklin, Wilcox-Hildreth or Silver Lake Chapter. A 4-H'er must be enrolled in the project they are exhibiting by June 15. A 4-H'er must be at least 8 years of age by January 1, 2021 and have not reached 19 years of age as of January 1, 2021. Clover Kids are 5-7 as of January 1, 2021. Clover Kids will only receive a special ribbon for exhibiting at the fair. There will be no discrimination because of race, color, sex, or national origin.
- B. PROCEDURE FOR MAKING ENTRIES - All entries must be made on appropriate forms from the Extension Office.
- C. ENTRY DEADLINES - All livestock entries exhibiting at County Fair, including horse, must be made by June 21st. Livestock must be in stalls by 4:30 p.m. on July 7th. All other Static exhibits will be entered by appointment on July 5th. Horses need to be on the grounds in time to be checked for the event in which they are entered. Static exhibits will be released 11:00 am-1:00 pm and livestock will be released at 8:00 pm July 11th.
- D. CURRENT PROJECT - All entries must be the result of this year's 4-H or FFA project, since September 1, 2020. Exhibits entered in 4-H or FFA are not permitted for exhibit in open class.
- E. NUMBER OF ENTRIES - Only one entry per class per exhibitor may be made except in livestock, dog, rabbit and poultry classes or as indicated. A 4-H'er or FFA member may exhibit three dairy cattle, three dairy goats, three meat goats, three breeding meat goats, two beef breeding heifers, two market steers, two market heifers, one bucket calf, two stocker feeder calves, four market hogs, two breeding ewes, four market lambs, two dog class, four rabbits and three entries per poultry class. **If exhibiting a bucket calf no other beef projects may be taken.**
- F. POLICIES - pertaining to Protests, Disclaimer, Drugs and Alcohol (see page 86). No person shall be allowed to interfere with a judge, and any exhibitor who by letter or otherwise, attempts of such interference will be excluded from competition.
- G. RIBBONS AND PREMIUMS AWARDED - Most exhibits will be divided into groups according to merit. Purple-superior exhibits, blue-excellent exhibit, red-good exhibit and white-acceptable exhibit. Exhibits must be purple quality to be named champion or qualify for related special awards. Exhibits must be purple or blue quality to be eligible for State Fair entry. Premium money will be awarded only after project record books have been completed and turned into the Extension Office or FFA Advisor. Record books are due August 9, 2021. Exhibitors eligible for premium money from Demonstrations, Judging and Speech contest need to complete at least one project record to earn premium money. Entries removed prematurely from fair without proper approval will forfeit premium money earned.
- H. DISQUALIFICATIONS/JUDGING - The superintendent will determine eligibility/ineligibility of an exhibit entry in their division. All eligible items will be judged and displayed. All incomplete entries may be lowered at least one ribbon placing.
- I. SECURITY - The main exhibit building will be closed to the public and locked at 10 p.m. All possible diligence and care will be used to prevent loss or injury to articles or animals. The fair management will not be responsible for any accidents or losses that may occur.
- J. FIRE PREVENTION - Only flame resistant paper may be used. Care must be given to avoid the use of flammable materials.
- K. VIOLATION OF RULES - Renders the exhibitor subject to loss of premium monies, ribbons, other awards, and/or elimination from the show.

SPECIAL AWARDS

Trophies which will be awarded are listed below: (For Jr. & Sr. classes; Jr. is below 11 years of age and Sr. is 12 years and older. For Jr., Int., and Sr.; Jr. 8-10, Int. 11-13, and Sr. 14 & over. (Clothing & Food) All as of the current year unless ages are otherwise specified. Trophies are followed by the business, group or individual who donated them.

FAMILY & CONSUMER SCIENCE

Jr. Champion Fashion Show
Sr. Champion Fashion Show
Jr. Champion Home Environment Exhibit
Sr. Champion Home Environment Exhibit
Jr. Champion Food Exhibit
Int. Champion Food Exhibit
Sr. Champion Food Exhibit
Bake 'N Take Contest
Jr. Champion Favorite Food Fair
Sr. Champion Favorite Food Fair
Champion Jr. Clothing Construction
Champion Intermediate Clothing Construction
Champion Sr. Clothing Construction
Champion Consumer Management Exhibit
Champion Family & Consumer Science Exhibit

PUBLIC SPEAKING & PRESENTATIONS

Jr. & Sr. Champion Presentations
Jr. Champion Public Speaking
Advanced Jr. Champion Public Speaking
Int. Champion Public Speaking
Sr. Champion Public Speaking
Champion Public Service Announcement

MISCELLANEOUS

Champion Horticulture and Crops Exhibit
Champion Engineering & Mechanic Exhibit
Champion Misc. Ag. Exhibit
Champion Photography Exhibit
Jr. Champion Livestock Judging Contest
Int. Champion Livestock Judging Contest
Sr. Champion Livestock Judging Contest

POULTRY, RABBIT, DOG & SMALL ANIMALS

Champion Cat Exhibit
Champion Dog Exhibit
Champion Dog Showmanship
Champion Poultry
Champion Market Broiler
Champion Poultry Showman
Champion Rabbit
Champion Rabbit Showmanship

BEEF

Jr. Beef Showman
Int. Beef Showman
Sr. Beef Showman
Champion Breeding Heifer

Beef Rate of Gain
Champion Market Steer
Champion Bred & Fed Steer
Champion Market Heifer
Champion Cow/Calf Pair
Champion Jr. Bucket Calf
Champion Sr. Bucket Calf
Champion Stocker Feeder
Champion Shorthorn Breeding Heifer

SHEEP

Jr. Champion Sheep Showman
Int. Champion Sheep Showman
Sr. Champion Sheep Showman
Champion Market Lamb
Champion Breeding Ewe
Champion Pen of 3 Sheep
Champion Breeding Ram
Champion Breeding Flock

GOAT

Jr. Champion Goat Showman
Int. Champion Goat Showman
Sr. Champion Goat Showman
Champion Meat Goat
Champion Breeding Goat
Pen of 3 Meat Goat
Champion Dairy Goat

DAIRY

Jr. Champion Dairy Showman
Int. Champion Dairy Showman
Sr. Champion Dairy Showman
Champion Jr. Dairy Animal
Champion Sr. Dairy Animal

HOG

Jr. Champion Hog Showman
Int. Champion Hog Showman
Sr. Hog Showman
Champion Market Barrow
Champion Market Gilt
Champion Pen of 3 hogs

SHOOTING SPORTS

Champion Jr. Trapshooting Division
Champion Sr. Trapshooting Division
There will also be Archery & BB Gun trophies given based on eligible entries

CITIZENSHIP & CIVIC EDUCATION

CITIZENSHIP

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

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. 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. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the item is larger than 22"x28" please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22" x 28". 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 judge understand what the 4-H'er did and learned in the process that led to the exhibit. All exhibitors should reference material sources or supporting information used in the exhibit. (i.e., if questions from game were taken from an outside source, they must be referenced). All entries should be labeled with the exhibitor's name and county.

DIVISION 120 Citizenship

- Class 1 Care Package Display** This exhibit is a display about the PROCESS of creating and giving care packages, 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: 1) How did you select the organization? 2) What items did you include in your care package? 3) Why did you select these items? 4) How did it feel to present your care pack to the organization? 5) What did you learn from this experience? 6) 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.
- Class 2 Citizenship Game** which would include but isn't 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.
- Class 3 Patriotic or Cultural Fine Arts** can be any art media but should tie in the relevance of the artwork to citizenship.
- Class 4 Public Adventure Scrapbook** should describe your Public Adventure or Service Learning Activity. Scrapbooks must measure no more than 16" x 16".
- Class 5 Public Adventure Poster** should describe your Public Adventure or Service Learning Activity. Display posters must be stiff enough to stand when supported from behind or below. Length and width must be no more than 24" x 28".
- Class 6 Written or Recorded Stakeholder Interview** should follow the outline found in the Public Adventures Curriculum. It may be written or recorded. It may be written or recorded. Recordings should be saved as a .wav or .mp3 file; a USB/thumb drive will be accepted
- Class 7 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. No supporting information required.
- Class 8 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; USB/thumb drive will be accepted. Voice tone should be normal and conversational. A copy of the written essay should be attached. (For 9-12th graders only)
- Class 9 Service Items** can include but aren't limited to a lap quilt and homemade toys. Only non-perishable items will be accepted. Attached to the exhibit should be an explanation of whom the recipient was and how the service project was made and used. The service item could be part of community service effort.

Class 10 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 or care package.

Division 130 SEEING i2i

Class 1 Cultural Fine Arts can be made of any art media but should symbolize what makes them unique.

Class 2 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.

Class 3 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.

Class 4 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.)

Class 5 Exhibit depicting a cultural food that is special to your family. Can be a story or essay.

Class 6 "This is Who I Am" poem.

Class 7 Poster that depicts what you have learned through the i2i Project.

Class 8 Biography about an historical figure who has made a positive impact on our society or who have made a difference in the lives of others.

Class 19 Play Script written about a different culture

HERITAGE

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

An exhibit of items, pictures, maps, charts, slides/tapes, drawings, illustrations, writings, or displays that depict the heritage of the member's family or community or 4-H history. Please note: 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. Displays should not be larger than 22" x 28" wide. All entries must have documentation included. Pictures and other hangings should have a wire hanger for display purposes. Display collections securely in an attractive container no larger than 22" x 28". The South Central Nebraska Genealogy Society will be giving \$10 to the best family history exhibit.

DIVISION 101, LEVEL I: Beginning

Class 1 Heritage Poster or flat exhibit. Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation

Class 2 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.

Class 3 Local History Scrapbook/Notebook - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.

Class 4 Framed family groupings (or individuals) of pictures showing family history. Pictures should be supported by an explanation.

Class 5 Other exhibits depicting the heritage of the member's family or community. May include biographical album of themselves or another family member, family cookbooks, etc.

Class 6 4-H History Scrapbook - A scrapbook relating 4-H history of local club or county. Must be work of individual 4-H'er, no club project. If multiple books included in exhibit, only bring book with most current year's work.

Class 7 4-H History Poster - Poster relating 4-H history of club or county or individual.

Class 8 Story or illustration about a historical event.

Class 9 Book review about local, Nebraska or regional history

Class 10 Other historical exhibits - attach an explanation of historical importance.

Class 11 Family Traditions Book - Exhibitor scrapbook depicting family traditions of the past.

Class 12 Family Traditions Exhibit - Story or illustration of a family tradition or event. Exhibits must be supported by a written explanation.

- Class 13 4-H Club/County Scrapbook** - Scrapbook relating 4-H History of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- Class 14 4-H Member Scrapbook** - Scrapbook relating to individual 4-H members' 4-H history. If multiple books included in exhibit, only bring book with most current year's work.
- Class 15 Special Events Scrapbook** - A scrapbook relating to 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion or etc. If multiple books included in exhibit, only bring book with most current year's work.

DIVISION 102

LEVEL II: Advanced

- Class 1 Heritage Poster or flat exhibit** - Entries may be pictures, posters, items, etc. that depict family heritage. Exhibits must be supported by a written explanation.
- Class 2 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 included in exhibit, only bring book with most current year's work.
- Class 3 Local History Scrapbook/Notebook** - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- Class 4 Framed family groupings** (or individuals) of pictures showing family history. Pictures should be supported by an explanation.
- Class 5 Other exhibits** depicting the heritage of the member's family or community. May include biographical album of themselves or another family member, family cookbooks, etc.
- Class 6 4-H History Scrapbook** - Scrapbook relating 4-H history of local club or county. Must be work of individual 4-H'er, no club project. If multiple books included in exhibit, only bring book with most current year's work.
- Class 7 4-H History Poster** - Poster relating 4-H history of club or county or individual.
- Class 8 Story or illustration** about a historical event.
- Class 9 Book review** about local, Nebraska or regional history
- Class 10 Other historical exhibits** - attach an explanation of historical importance.
- Class 11 Exhibit** depicting the importance of a community or Nebraska landmark.
- Class 12 Community Report** documenting something of historical significance from past to present.
- Class 13 Historic collection** displayed securely and attractively in a container no larger than 22" x 28".
- Class 14 Video** documentary of a family or a community event. Must be produced and edited by 4-H member. Must be entered as a DVD or USB.
- Class 15 4-H Club/County Scrapbook** - Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- Class 16 4-H Member Scrapbook** - Scrapbook relating to individual 4-H members 4-H history. If multiple books included in exhibit, only bring book with most current year's work.
- Class 17 Special Events Scrapbook** - A scrapbook relating to 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion or etc. If multiple books included in exhibit, only bring book with most current year's work.

COMMUNICATIONS & EXPRESSIVE ARTS **TALENT SHOWCASE**

Purple or Blue, \$5.00, Red, \$3.00, White, \$2.00

The Talent Showcase Contest will be held on July 1st.

- A. All participants must be 4-H members.
- B. Time - Each group is allowed two minutes after the cue from the contest chair to arrange themselves on stage and begin performing. The performance of each group is limited to not more than 6 minutes.
- C. Selection - Any number of songs may be performed within the six minutes time limit. Participants may perform any selection of their choice.

- D. Accompaniment - In vocal performances with recorded accompaniment, only instrumental background music may be used. Performing groups must bring their own CD, tape, or record player if recorded accompaniment is used. Other vocal performances may be accompanied by piano, guitar, or other instruments. Live accompaniment, if used, may be by a 4-H member, parent or leader.
- E. Performers may appear with or without a director. The director of a group must be a 4-H member.
- F. All judging will be held at the Public Talent Showcase and Public Fashion Revue.

DIVISION 150

- Class 1** Drill or Dance Routines - Solo, duet or group.
- Class 2** Vocal Performers - Solo, duet or group.
- Class 3** Instrumental Performance - Solo, duet or group.
- Class 4** Combo - Vocal and instrumental performance. Solo, duet or group.
- Class 5** Non-musical performance - Solo, duet or group. May include recitation, acting, puppetry, etc.

PHOTOGRAPHY

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

- A. Only 4-H Photography Units II and III will be allowed to exhibit at State Fair.
- B. 4-H members are allowed to exhibit in only one photography unit.
- C. An image may only be used on one exhibit with the exception of the Portfolios which may include images entered in other classes.
- D. **Cameras** - Photos may be taken with any type of film or digital camera, including phones, tablets, and drones.
- E. Photos must be shot by the 4-H member during the current project year with the exception of the Portfolios which may include images captured and/or exhibited in previous years.
- F. 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.
- G. **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: 1) Printed portfolios should be presented in a 8.5"x11" three-ring binder or similar book format. Recommended photo size is 8"x10". Matting is not necessary. 2) Digital portfolios may be presented online and must be exhibited along with a single 8.5x11 flyer. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.
- H. **Display Exhibits** – Display exhibits are only accepted in Level 2 Classes. Displays consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or mat board. 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)
- I. **Print Exhibits** – Print exhibits must be 8x10 prints mounted in 11x14 (outside size) cut matting with a sandwich mat board backing. 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)
- J. **Entry Tags** – Entry tags should be securely attached to the upper right-hand corner of the exhibit.

- K. **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 outline below. Data Tags should be securely attached to the back of the exhibit. Current data tags and help sheet are available at the Extension Office.
- L. **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.

Level 1 - Picture Displays Guidelines

- To be mounted on a horizontal 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 allowed.
- Individual photos may be cropped either horizontally or vertically with straight edged scissors. No decorative cuts. Corners must be 90 degrees.
- Photos must be mounted vertically or horizontally.
- Data Tags are required.

DIVISION 180 – Not State Fair Eligible.

LEVEL 1 Photography Basics

Class 1 Picture Display - entry will consist of five pictures mounted on poster board up to 14" x 22". The 4-H member will exhibit one picture from five different categories. Categories to be selected from include: 1) animal 2) building 3) people 4) landscape 5) special effects 6) still life or 7) sports.

Class 2 Picture Story Series - an entry will consist of a series of five to seven pictures mounted on poster board up to 14" x 22" which tell a photo story and should have a photographic introduction, a body, and a conclusion, all done with pictures. Each photo should show a definite step. Imagination and variety are encouraged.

DIVISION 181

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.

Class 10 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.

Class 20 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)

Class 30 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)

Class 40 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)

Class 50 Candid Photography Display or Print - Candid photos should capture a special moment or meaningful interaction. Photos should be un-posed. (Activity 10)

Class 60 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)

DIVISION 182

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.

Class 10 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.

Class 20 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)

Class 30 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)

Class 40 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)

Class 50 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)

Class 60 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)

POSTERS

Purple, \$3.00; Blue, \$2.50; Red, \$2.00; White \$1.00

GENERAL INFORMATION – Not State Fair Eligible

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. Posters will be judged on the following criteria: **Idea:** Simple, clear message, appropriate for poster. **Lettering:** Readable from a distance, appropriate size in proportion to art. **Art:** One dominant, eye-catching element; art relates to written message. **Arrangement:** Makes 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 shall be 14" x 22" and on regular poster board or other material that can be pinned to a display board. They may be arranged either horizontally or vertically. Computer art generated on an 8 ½" x 11" sheet of paper and mounted

on poster board will be disqualified. Posters may be in any medium: watercolor, ink, crayon, markers, computer graphics, etc. They may NOT be 3-dimensional. Entries with components thicker than paper (such as milk cartons, pop cans, pencils) 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 be follow approved guidelines. 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 reduced one ribbon placing. Posters may be laminated to protect them.

DIVISION 152

Class 1 Exploring Careers with 4-H - Poster should illustrate how 4-H'ers can explore career opportunities through 4-H projects.

Class 2 Photo Poster - Create a poster **focusing on a 4-H theme** of your choice, using one large, eye-catching photo

Class 3 Keeping it Green- Keeping it Healthy - Poster should illustrate how 4-H encourages healthy lifestyles for youth and their families.

Class 4 Other Topics

PRESENTATIONS

Ind.: Purple or Blue, \$4.00; Red, \$3.00; White, \$2.00

Team: Purple or Blue, \$8.00, Red, \$6.00; White, \$4.00

The Franklin Co. Contest will be July 1, 2021

The 4-H Presentations Contest includes two types of presentations: Illustrated Presentations and Teaching (Trade Show Exhibit) Presentations.

An Illustrated Presentation, given by one individual or a team of two individuals, is a live presentation with a formal talk where youth will use visual aids (such as props, posters, computer-based visuals, handouts, video, etc.) to show and tell others how to do something. Presentations are given on a stage/platform. Judge views the entire presentation and engages in a question and answer session following presentation. **A Teaching (Trade Show Exhibit) Presentation**, given by one individual or a team of two individuals, is a live, interactive, trade show style presentation where youth will continuously engage a constantly-changing/moving audience for 30 minutes by showing and telling them how to do something while answering questions. Teaching Presentations are given behind a table amongst 4-H exhibits. Judge occasionally stops to view presentation, ask questions, and observe audience engagement. Enrollment in the project area in which the participant is making a presentation is not required.

DIVISION 151- Illustrated Presentations

Time limit is 6-8 minutes for a presentation given by an individual, and 8-10 minutes for a presentation given by a team. Participants may be penalized if their presentation exceeds the time limits. All 4-H Presentations topics should be related to what the 4-H youth is learning through 4-H educational experience focused on the priorities of career and college readiness, community development, entrepreneurship, food supply confidence, healthy living, leadership development, and STEM (science, technology, engineering, math). 4-H Presentations should include an introduction (the "why" portion of the topic), a body (the "show and tell" portion of the topic), and a conclusion/summary (the "what" portion of the topic).

class 1 Illustrated Presentation

DIVISION 152- Teaching Presentation Contest

Teaching (Trade Show Exhibit) Presentations should engage the audience and teach them about something the 4-H youth is learning through 4-H educational experiences focused on the priorities of college and career readiness, community development, entrepreneurship, food supply confidence, healthy living, leadership development, and STEM (science, technology, engineering, math).

class 1 Teaching Presentation Contest

COMMUNICATIONS

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

DIVISION 154

COMMUNICATIONS, MODULE 1

(Not Eligible for State Fair)

Class 11 Communications Poster - Poster 22" X 14" showing one of the concepts learned in Module 1

DIVISION 154

COMMUNICATIONS, MODULE 2

Use one or a combination of the experiential activities in the Communications, Module 2 curriculum to create an educational poster or essay sharing with others what you have learned. Topics may include, but are not limited to identifying cultural differences in communication, developing guidelines for internet etiquette, evaluating another person's presentation, identifying communication careers or preparing a presentation using a form of technology

Class 1 Poster - Create a poster, measuring either 22"x28" or 24"x36" that showcases what was learned in this project area.

Class 2 Essay - Write an essay (3-5 pages) that showcases what was learned in this project area.

DIVISION 154

COMMUNICATIONS, MODULE 3

Use one or a combination of the experiential activities in the Communications Module 3 curriculum to create an education poster, essay, or digital media sharing with others what you have learned. Topics may include, but are not limited to composing a personal resume, completing research on a speech or presentation topic, identifying ways to reduce risks online, evaluating own cell phone usage and etiquette, critiquing advertisements or job shadowing a communication professional.

Class 3 Poster - Create a poster, measuring either 22"x28" or 24"x36", that showcases what was learned in this project area.

Class 4 Essay - Write an essay (3-5 pages) that showcases what was learned in this project area.

Class 5 Digital Media - Design a form of digital media (advertisement, flyer, short video or presentation, social media or web page, etc.) that showcases what was learned in this project area. Upload the digital media file to an online location (web site, Dropbox, Google Drive, YouTube, Flickr, etc.) and using the web address of the digital media file, create a QR code (using any free QR code creator, ex. qr-code-generator.com). Print the following on an 8.5"x11" sheet of cardstock: 1) the QR code, 2) 1-3 sentences about what viewers will see when they access the QR code on their mobile device.

PUBLIC SPEAKING CONTEST

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

Individual competition in this contest is open to all 4-H members. Contact the Extension Office for more details. Ribbon placings will be awarded to each contestant with trophies being awarded to the best speaker in each age division, age is as of January 1 of the current year.

Division 160

Class 1 Clover Kid, 5-7 years of age

Class 2 Junior, 8-10, poem or story

Class 3 Advanced Jr. 8-10 years of age - original speech

Class 4 Intermediate, 11-13 years of age

Class 5 Senior, 14 years and over

Class 6 PSA

CONSUMER AND FAMILY SCIENCE
HUMAN DEVELOPMENT

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

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

Information sheets for classes 1-6 should include: (Final ribbon placing of the exhibit will include the completeness and accuracy of this information sheet) 1) Where did I get the idea for this exhibit? 2) What decisions did I make to be sure exhibit is safe for child to use? 3) What age is this toy, game or activity appropriate for and why? (Infant, Birth-18 mos.; Toddlers, 18 mos-3 yrs.; 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 the 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'ers 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).

4-H'ers 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 2. Each area is a different class. Information sheet required or exhibit will be dropped a ribbon placing for classes 1-6.

DIVISION 200

Class 1 SOCIAL EMOTIONAL DEVELOPMENT

Class 2 LANGUAGE AND LITERACY DEVELOPMENT

Class 3 SCIENCE

Class 4 HEALTH AND PHYSICAL DEVELOPMENT

Class 5 MATH

Class 6 CREATIVE ARTS

Class 7 ACTIVITY WITH A YOUNGER CHILD - Poster or Scrapbook showing 4-H'er working with a child age 0 to 8 years. May show something with the child, or child care or child care interactions. May include photos, captions, story or essay. Size of exhibit is your choice. Other people may take photos so that 4-H'er can be in the photo. 4-H'er must make the poster or scrapbook. No information sheet need for Class 7.

Class 8 BABYSITTING KIT - Purpose of kit is for the 4-H'er to take this with them when they babysit in someone else's home. Do not make kit for combination of ages or for your own family to use. 4-H'er should make one or more items in the kit, but purchased items are also allowed. A list of items in the kit is suggested to be included. Display in box or bag suitable for what it contains. Approximate size not larger than 12" x 15"x 10. All items in kit must be safe for child to handle. Information Sheet for Class 8 Babysitting Kit 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 that 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. Most importantly the kit should serve a defined purpose, not just be a catch all for several items.

4-H'ers taking any of the projects in Dept. C-200 may enter:

Class 9 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:

Class 10 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.

Class 11 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, 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.

CLOTHING EXHIBITS

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

- A. NUMBER OF ENTRIES PER INDIVIDUAL - Each individual is limited to one entry per class. Garments must be human wearing apparel, unless stated otherwise and may be made for self or another person
- B. ENTRY TAGS -Every clothing exhibit must be described on the appropriate entry tag accompanying it (for example: blue wool skirt and jacket, red and white figured blouse).
- C. SPECIAL CARDS - Special cards are required for knitting and crocheting. See each project area for information needed.
- D. REMOVAL OF ENTRIES - Entries may be removed at 12:00 noon on July 11th.
- E. Entries not meeting class requirements may be lowered one ribbon placing.
- F. CRITERIA FOR JUDGING - Refer to the Nebraska 4-H website for current state fair scoresheets. In addition, all entries must conform to rules and regulations as set forth in this Premium List.
- G. 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 2, you are not eligible to exhibit in STEAM Clothing 1.

DIVISION 221

STEAM CLOTHING: BEYOND THE NEEDLE

4-H'ers must show their own original creativity.

Class 1 Design Portfolio – A portfolio consisting of at least three design samples or activities. Refer to the project manual for activity ideas. The Portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. (Additional pages can be added each year but should be dated.) See pages 14-16 for portfolio formatting.

Class 2 Color Wheel – Create your own color wheel, complimentary color bar or color scheme using pages 27-39 in the project manual. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30".

Class 3 Embellished Garment With Original Design.

Create a garment using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-Her using the elements and principles of design to make an original statement.

- Class 4 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. Include information on how the fabric was designed –describe the process and materials used and how the fabric will be used. If additional information is not included, exhibit will be lowered one ribbon placing.
- Class 5 Item (garment or non-clothing item) Constructed From Original Designed Fabric.** Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added. Include information on how the fabric was designed – describe the process and materials used. If information is not included, exhibit will be lowered one ribbon placing.
- Class 6 Textile Arts Garment or Accessory** A garment or accessory constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape. A description of the design process **must** accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.
- Class 7 Beginning Fashion Accessory** An accessory designed and constructed using elements and principles of design; can be textile or non-textile based. Examples: shoes, bracelets, scarves, etc. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.
- Class 8 Advanced Fashion Accessory** An accessory designed and/or constructed using elements and principles of design and advanced skills; can be textile or non-textile based. Example: peyote stitch, bead embroidery, advanced design on tennis shoes, metal stamping, riveting, resin, and etc. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.
- Class 9 Wearable Technology Garment** Technology is integrated into the garment in some way (For example: LEDs, charging capabilities, sensors, and etc.)
- Class 10 Wearable Technology Accessory** An accessory constructed integrating technology into the accessory (For example: Charging Backpack, Fitness Tracker, and etc.)
- Class 11 Beginning Embellished Garment** Create a garment using beginning techniques. Designs are the original idea of the 4-Her using the elements and principles of design to make an original statement. **Not State Fair Eligible**
- Class 12 Beginning Textile Clothing Accessory.** Accessory is constructed and/or decorated using techniques as defined in the project manual. Entry examples include: hats, bags, scarves, gloves, aprons etc. **Not State Fair Eligible**

BEGINNING CLOTHING CONSTRUCTION

DIVISION 227

STEAM CLOTHING 1: FUNDAMENTALS 1

Exhibits will be simple articles requiring beginning skills. Follow suggested skills in project manual. May exhibit one item per class number. 4-H'ers who have enrolled in or completed STEAM Clothing 2 project are not eligible to exhibit in STEAM Clothing 1. **NOT STATE FAIR ELIGIBLE.**

- Class 1 Sewing Kit** – Include a list of sewing notions and purpose for each included. (pgs. 12-17 in manual)
- Class 2 What's The Difference** – 4-H members enrolled in STEAM Clothing 1 may enter an exhibit (not to exceed 22" x 30') a notebook, poster, small display sharing a project comparison and price point. See project manual, "What's the Difference?" pages 118-119. Exhibits should include pictures NO actual pillows.
- Class 3 Clothing Service Project** – Can include pillows or pillow cases but are not limited too. Exhibit (not to exceed 22" x 30') a notebook, poster, small display sharing information you generated in the project activity "Serving A Purpose" pages 124 and 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. NO PLAIDS, STRIPES, NAPPED or JERSEY KNIT. Patterns should be simple without darts, set-in sleeves, and collars. Raglan and kimono sleeves are acceptable.

Class 4 Pincushion

Class 5 Pillowcase

Class 6 Simple Pillow – No larger than 18" x 18".

Class 7 Bag/Purse – No zippers or button holes

Class 8 Simple Top

Class 9 Simple Bottom – pants, shorts, or skirt

Class 10 Simple Dress

Class 11 Other – Using skills learned in project manual. (apron, vest, etc.)

Class 12 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.

Class 13 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.

INTERMEDIATE CLOTHING CONSTRUCTION

DIVISION 220

GENERAL CLOTHING

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

Class 1 Clothing Portfolio – Complete at least four different samples/activities from Chapter 2, 3 OR 4 of the project manual. The Portfolio should be placed in an 8 1/2 x 11, 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.

Class 2 Textile Science Scrapbook – Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in STEAM Clothing 2: Simply Sewing project manual to identify fabric swatches. Completed textile cards should be placed in an 8 1/2 x 11, 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 project manual for fabric suggestions.

Class 3 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".

DIVISION 222

STEAM CLOTHING 2: SIMPLY SEWING

Exhibits entered in this project must reflect at least one new skill learned from this manual. (See project manual skill-level list) 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.

Class 1 Design Basics, Understanding Design Principles – 4-H members enrolled in STEAM Clothing 2 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 manual.** The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30".

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

Class 3 Upcycled Garment – 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 “before” picture and a description of the redesign process must accompany the entry.

- Class 4 **Upcycled Clothing Accessory** – 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 “before” picture and a description of the redesign process must accompany the entry.
- Class 5 **Textile Clothing Accessory** - Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 2. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)
- Class 6 **Top** (vest acceptable)
- Class 7 **Bottom** (pants or shorts)
- Class 8 **Skirt**
- Class 9 **Lined or Unlined Jacket**
- Class 10 **Dress** (not formal wear)
- Class 11 **Romper or Jumpsuit**
- Class 12 **Two-piece Outfit**
- Class 13 **Alter Your Pattern** 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)
- Class 14 **Garment Constructed from Sustainable or Unconventional [natural or synthetic] fibers** 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.

ADVANCED CLOTHING CONSTRUCTION

DIVISION 223

STEAM CLOTHING 3: A STITCH FURTHER

Exhibits entered in this project must reflect at least one new skill learned from this manual. (See project manual skill-level list) Garments as listed may be made from any pattern or any fabric and should demonstrate sewing skills beyond STEAM Clothing 2. Entry consists of constructed garments only. Wool entries must have the fiber content listed on identification label.

- Class 1 **Upcycled Garment** – 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 “before” picture and a description of the redesign process must accompany the entry.
- Class 2 **Upcycled Clothing Accessory** – 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 “before” picture and a description of the redesign process must accompany the entry.
- Class 3 **Textile Clothing Accessory** - Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 3. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)
- Class 4 **Dress or Formal**
- Class 5 **Skirted Combination** (skirt with shirt, vest or jacket OR jumper and shirt)
- Class 6 **Pants or Shorts Combination** (pants or shorts with shirt, vest or jacket)
- Class 7 **Romper or Jumpsuit**
- Class 8 **Specialty Wear** (includes: swim wear, costumes, hunting gear, or chaps)

Class 9 Lined or Unlined Jacket (Non-tailored)

Class 10 Coat, Blazer, Suit Jacket or Outerwear A tailored blazer or suit jacket or coat. Wool entries must have the fiber content listed on the label to be considered for the *Make It With Wool Award*.

Class 11 Alter/Design Your Pattern 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)

Class 12 Garment Constructed from Sustainable or Unconventional [natural or synthetic] fibers 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.

FIBER ARTS - KNITTING AND CROCHETING

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

Criteria for judging knitting and crocheting: Design and Color, Neatness, Knitting Mechanics or Crocheting Mechanics, Trimmings, and Construction Finishes

KNITTING Each knitted entry must include the following information with entry tag or will be lowered one ribbon placing **1)** What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s). **2)** What steps did you take as you worked toward your goal(s)? **3)** What were the most important things you learned as you worked toward your goal(s)? **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. **8)** Copy of directions.

DIVISION 225

Class 10 Knitted Items - Beginning Unit Entry (NSFE)

Class 1 Level 2 Knitted Clothing 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 pattern

Class 2 Level 2 Knitted Home Environment 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.

Class 3 Arm or Finger Knitted Item (Clothing or Home Environment Item)

Class 4 Loom Knitted Item (Clothing or Home Environment Item)

Class 5 Level 3 Knitted Clothing 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

Class 6 Level 3 Knitted Home Environment 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.

Class 7 Level 3 Machine Knitting

CROCHETING - Each crocheted entry must include the following information with entry tag or exhibit will be lowered one ribbon placing: **1)** What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s). **2)** What steps did you take as you worked toward your goal(s)? **3)** What were the most important things you learned as you worked toward your goal(s)? **4)** Gauge and size of hooks or type of crocheting tool. **5)** Kind of yarn - weight and fiber content. **6)** Names of stitches used. **7)** Copy of

directions.

DIVISION 226

Class 10 Crocheted Items - Crochet 1 (NSFE)

Class 1 Level 2 Crocheted Clothing Crochet garment using basic stitches [including: chain, single, double, half-double, treble] to form patterns

Class 2 Level 2 Crocheted Home Environment Item - Crochet item using basic stitches [including: chain, single, double, half-double, treble] to form patterns

Class 3 Level 3 Crocheted Clothing Crochet garment using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

Class 4 Level 3 Crocheted Home Environment 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.

CONSUMER MANAGEMENT

ATTENTION SHOPPERS - Not State Fair Eligible

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

DIVISION 244 - Age: under 10

Class 1 Clothing Wardrobe Inventory. List five items in your clothing wardrobe. What one garment would you add to your wardrobe that would help you to mix and match what you already have to extend your wardrobe? Explain what you need to think about and consider when you select this item. Consider creativity and style in your story. Your wardrobe inventory entry may be a picture poster, a video style show with explanation, a written story, an audio tape.

Class 2 Clothing Interview.

A. Interview an older person and talk about the fads and fashions of the time when they were young. Or **B.** Interview a person from another culture and find out how their dress and fashions may differ at school, special occasions (such as weddings, graduations, birthdays, religious events, etc.) Or **C.** Interview a person who wears special types of clothing for their job. Find out how these clothes differ from the ones they wear away from the job, what makes them different, why are they necessary to wear, etc. Consider creativity and style in your story. Include a picture of the person in their special type of clothing you interviewed. Your interview entry may be a picture poster, a written story, audio tape, video tape with explanation, etc.

Class 3 Experience buying a complete wearable outfit for less than \$75. Your entry must include the hang tags (if available), information from fiber content and care labels and a story about what you considered when you purchased the outfit. Consider creativity and style in explaining your story. Do not include the clothing as part of your entry. Your buying experience may be a picture poster, a video tape, a written story or an audio tape, etc.

Class 4 You Be The Teacher -Share with others what you learned in this project. Exhibit may be a poster (not to exceed 22" x 28"), a notebook or a small display of an educational nature. Examples may include information on: Sort before you wash, clothing first aid, fad or fashion, etc.

SHOPPING IN STYLE

Purple, \$5.50; Blue \$5.00; Red, \$4.00; White, \$3.00

GENERAL INFORMATION

If exhibit is a poster it should be on 14" x 22" poster board. If a three-ring binder is used it should be 8 ½" 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.

DIVISION 240

Class 1 Best Buy for Your Buck (Ages 10-13 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). *Do not include the Shopping In Style Fashion Show Information Sheet in your entry. Although both entries do share some information, there are differences in content and format for this class.* Suggested for Ages 10-13 Provide details about wardrobe inventory that indicates the following 1)why you selected the garment you did, 2)clothing budget, 3)cost of garment and a 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 and back view).

Class 2 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). *Do not include the Shopping In Style Fashion Show Information Sheet in your entry. Although both entries do share some information, there are differences in content and format for this class.* Provide details listed for those ages 10-13 plus include the following 1)body shape discussion, 2)construction quality details, 3)design features that affected your selection, 4)cost per wearing, 5)care of garment and 6)a conclusion or summary statement(s) stating your final comments on why you selected your “best buy for your buck”. Provide 3 photos of you wearing the garment (front view, side view & back views)

Class 3 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).

Class 4 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).

Class 5 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.

Class 6 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).

MY FINANCIAL FUTURE

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

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.

DIVISION 247 - Beginner/Intermediate

Class 1 Write 3 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.

Class 2 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.

Class 3 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.

Class 4 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.

Class 5 Complete Activity 8 – “What Does it Really Cost?” on pages 39-40.

Class 6 My Work; My Future - Interview three adults in your life about their careers or jobs using the questions on page 51 and record these 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?

DIVISION 247 - Intermediate/Advanced

Class 7 Interview someone who is paid a salary; someone who is paid a commission; and someone 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.

Class 8 The Cost of Not Banking – Type your answers to the questions about Elliot on pg 50.

Class 9 Evaluating Investment Alternatives – complete the case study of Jorge on page 64. Answer all three questions found at the bottom of the page.

Class 10 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.

Class 11 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 5 of the terms.

FASHION SHOW

- A. NUMBER OF ENTRIES PER MEMBER - **Each member may model once per class.** In addition, each clothing member can model one outfit in the “Just for Fun” class if they modeled in any other project, or in 4-H Shopping in Style.
- B. NARRATION FORM - One copy of this form must be submitted to the Extension Office. This form officially enters the 4-H'er in the Fashion Show.
- C. ACCESSORIES may be either made or purchased (except in 4-H Shopping in Style).
- D. ENTRY TAG - As with all exhibits an entry tag must be submitted for each Fashion Show entry.
- E. PUBLIC FASHION SHOW PRESENTATION - Fashion Show contestants must appear in the Public Fashion Show. Anyone not appearing in the Public Show will not receive fashion revue ribbons or premium money. ****Please note that the Public Fashion Show will be held on Thursday, July 1st at 6:30 p.m. ****
- F. An overall trophy will be given for the outstanding Jr. (8-11 yr old) and Sr. (12 and over) model.

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White \$1.00

DIVISION 410

STEAM CLOTHING: BEYOND THE NEEDLE

- Class 1 Modeled Beyond the Needle Embellished Garment** - Purchased, constructed, or recycled garment to which surface embellishment has been applied or a garment created through the structure such as color blocks, fabric strips, texturizing, fabric pieces, etc. Not eligible for State Fair.
- Class 10 Modeled Beyond the Needle Embellished Garment with 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'er using the elements and principles of design to make an original statement.
- Class 15 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.
- Class 20 Modeled Beyond the Needle Textile Art Garment(s)** - Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.
- Class 21 Modeled Beyond the Needle Accessory**

STEAM CLOTHING LEVEL 1: FUNDAMENTALS

(Not Eligible for State Fair) 4-H members who have enrolled in or completed STEAM Clothing 2 or 3 are not eligible.

- Class 25 Modeled Construction Beyond the STEAM 1 Garment** - Simple pull-on pants/shorts, skirt OR simple pullover top/shirt OR simple vest

STEAM CLOTHING LEVEL 2: SIMPLY SEWING

4-H members who have enrolled in or completed STEAM Clothing 3 are not eligible.

- Class 30 Modeled Constructed STEAM 2 Garment(s)**
Possible types of garments include: Dress, Romper or Jumpsuit; OR Skirted Outfit-skirt with top, vest, or lined or unlined jacket – must have sewn two pieces OR Jumper and shirt – must have sewn two pieces OR Pants or Shorts Outfit-pants or shorts with top, vest, or lined/unlined jacket – must have sewn two pieces. Night shirts or lounge wear may be modeled but are not eligible for State Fair. A purchased top can be worn to complete a skirt, pants, or shorts outfit with a vest or lined/unlined jacket.

STEAM CLOTHING 3: A STITCH FURTHER

Purple, \$4.50; Blue, \$3.50; Red, \$2.50; White, \$1.50

- Class 40 Modeled Constructed STEAM 3 Garment(s)**
Possible types of garments include: Dress or Formal OR Skirted Outfit (skirt with shirt, vest, or lined/unlined jacket-must have sewn two pieces OR Jumper and Shirt-must have sewn two pieces OR Pants or Shorts Outfit-pants or shorts with shirt, vest, or jacket OR Romper or Jumpsuit; Specialty Wear-swim wear, costumes, western wear-chaps, chinks, or riding attire) OR Non-tailored Jacket or Coat. Additional pieces with blazer, jacket or coat may either be constructed or purchased. A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts. Nightshirts or loungewear can be modeled but are not eligible for State Fair.

JUST FOR FUN

Everyone enrolled in a clothing project, who models in another clothing project, is eligible to enter this category. NOT STATE FAIR ELIGIBLE. Can be any garment or outfit the 4-H'er has made. Can be garment made for someone else, but it has to be modeled by the person for whom it was made. It will not be judged on construction, but only on overall effect of appearance. Take entry home after public fashion show, it will not displayed at fair

- Class 90 Modeled Just for Fun Entry**

KNITTING AND/OR CROCHETING

- Class 60 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. Garment needs to be a complete outfit as in a dress, coat, or two piece ensemble (bottom and top).

SHOPPING IN STYLE

4-H member may model in this class in addition to a constructed class. Garments modeled must be entered with a notebook. No make-one/buy one outfits are allowed.

Class 60 Modeled Shopping In Style Purchased Outfit and Written Report - Participants must be enrolled in the Shopping In Style 4-H Project to enter. 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 garment must be purchased.

HOME ENVIRONMENT

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

The purpose of Home Environment 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.

1. Items must be designed to be used for home decorating, home furnishings 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 element and principles. *For State Fair Only - Youth are required to include the design elements and principles they used along with 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 item.
6. Items should not be ones made for beginning level or other projects (ex: simple (10 minute) table runners or woodworking). Exhibits from the beginning level, Design My Place are county only and not state fair eligible.
7. **ENTRY TAGS** - Each Home Environment exhibit must have an official entry tag securely attached which includes a clear description of the entry. **Use color, pattern or picture descriptions to aid in identification.**
8. **IDENTIFICATION** – In addition to entry tags, a label with the exhibitor's name and county should be attached to EACH separate piece of the exhibit.
9. Supporting information is *not* required on Home Environment exhibits on the county level unless specified **REQUIRED** in the class description. An exhibitor may fill out supporting information if they feel the need to explain a certain technique or unique item used to complete the project. Supporting information templates can be found on the 4-H State Fair website. Supporting information is required for any exhibit that is selected for State Fair. This does not include Quilt Quest.

DESIGN DECISIONS

DIVISION 257

- Class 1 Design board for a room.** Include color scheme, wall treatment, floor treatment, etc.- OR floor plan for a Room-Poster 22" x 28" or multimedia presentation. Show what you learned with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc.
- Class 2 Problem solved, Energy savers or Career Explorations** – 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
- Class 3 Solar, Wind, or Other Energy Alternatives for the home** – Can be models, either an original creation or an adaption of kit. If kit, label and explain what was learned and how the item could be used in or on exterior of home.
- Class 4 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.
- Class 5 Community Service Activity** -Show what was done as a community service activity related to this project. In a notebook, photo story, or poster, show the purpose and results of that activity. Ex: painting a mural at a daycare or 4-H building, helping an elderly person paint or clean their home, etc. May be an individual or club activity.
- Class 6 Window Covering-** May include curtains, draperies, shades, shutters, etc.
- Class 7 Floor Covering** - May be woven, braided, painted floor cloth, etc. May be exhibited as a poster or multimedia presentation (on CD).
- Class 8 Bedcover-**May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the piecing, quilting. No fleece tied blankets.
- Class 9 Accessory – Original Needlework/Stitchery**
- Class 10 Accessory – Textile – 2D** (table cloth or runner, dresser scarf, wall hanging,) etc. No fleece tied blankets or beginning/10 minute table runners.
- Class 11 Accessory – Textile – 3D** (pillows, pillow sham, fabric bowls, etc.) No fleece tied exhibits.
- Class 12 Accessory – 2D**
- Class 13 Accessory – 3D** (string art, wreaths, etc.)
- Class 14 Accessory – Original Floral Design**
- For classes 15-18, determine entry by what medium was manipulated.*
- Class 15 Accessory – Original made from Wood** – burn, cut, shape or otherwise manipulate
- Class 16 Accessory – Original made from Glass** – etch, mosaic, stain, molten or otherwise manipulate
- Class 17 Accessory – Original made from Metal** – cut, shape, punch, sculpt, or reassemble or otherwise manipulate
- Class 18 Accessory – Original made from Ceramic or Tile** – Treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.
- Class 19 Accessory – Recycled/Upcycled Item for the home** – reuse a common object or material in a creative way. It is **REQUIRED** to include a description of what was done to recycle or reuse item.
- Class 20 Furniture – Recycled/Remade** – made or finished by using a common object or material in a creative way. It is **REQUIRED** to include a description of what was done to recycle or reuse item.
- Class 21 Furniture – Wood Opaque finish** such as paint or enamel
- Class 22 Furniture – Wood Clear finish** showing wood grain
- Class 23 Furniture - Fabric Covered** - May include stool, chair seat, slip-covers, headboard, etc.
- Class 24 Furniture - Outdoor Living** - Furniture made/refurbished suitable for outdoor use. (NOTE: May be displayed outside). If an item is recycled or reused in some way it is **REQUIRED** to include description of what was done to recycle or reuse item.
- Class 25 Accessory – Outdoor Living.** Accessory made/refurbished by 4-H member suitable for outdoor use. If an item is recycled or reused in some way it is **REQUIRED** to include

description of what was done to recycle or reuse item.

SKETCHBOOK CROSSROADS

Use techniques from manual or comparable techniques. Attach information to explain steps taken. Information must also include element or principle of design used. (page 8-9).

DIVISION 260

- Class 1 **Original pencil or chalk drawing** framed and ready to hang. Scratch art accepted here.
- Class 2 **Original ink drawing** ready to hang
- Class 3 Home accessory **made with fiber**
- Class 4 Home accessory **made with felted wool**
- Class 5 Home accessory **made with cotton linter**
- Class 6 Home accessory **using batik**
- Class 7 Home accessory **made by weaving**
- Class 8 Home accessory made with **fabric exhibitor has dyed**
- Class 9 **Original sculpted** home accessory made with **clay** (no purchased pots)
- Class 10 **Nebraska Life Exhibit** An art exhibit using one of the techniques in the above classes to show how art can define a sense of place, or life in Nebraska. For example - a pencil or ink drawing depicting life in Nebraska, using natural resources such as native grasses to make a weaving, using natural fibers for felting, or using roots, nuts, plants or flowers to dye fabric. Include the required information listed above and how this project represents life in Nebraska.

PORTFOLIO PATHWAYS

Use techniques from manual or comparable techniques. Attach information to explain steps taken. Information must also include element or principle of design used. **All exhibits should be framed and ready to hang**

Classes 1-5 are Unit I techniques.

DIVISION 261

- Class 1 **Original acrylic painting**
- Class 2 **Original oil painting**
- Class 3 **Original watercolor**
- Class 4 **Original sand painting**
- Class 5 **Original encaustic painting**
- Class 6 **Home accessory** made with any painting technique in Pathways Unit II
- Class 7 **Original Mixed Media Accessory - An** art exhibit using a combination of two or more different media or materials. One media must be included in another Portfolio Pathways class. (ex. watercolor and graphite)
- Class 8 **Nebraska Life Exhibit - An** art exhibit using one of the techniques in the above classes to show how art can define a sense of place or life in Nebraska. For example – solar printing; making prints using shed snakeskin or plant; an acrylic, oil, or watercolor painting of scenes of your community or the surrounding area; or using objects from nature to make the painting. Include the required information listed above and how this project represents Nebraska life.

HEIRLOOM TREASURES & FAMILY KEEPSAKES

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. NOTE: resources to support this project area are available on the 4-H website. It is **REQUIRED** to attach information including: 1) List of steps taken to complete your project. Before & 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.

DIVISION 256

- Class 1 **Trunks** - including doll-sized trunks or wardrobes

- Class 2 An Article** - either a repurposed "treasure" (accessory) from an old item or an old "treasure" (accessory) refinished or renovated. May include a display of collection or collectibles, being careful not to destroy value of the collection.
- Class 3 Furniture** - either a repurposed "treasure" from an old item or an old "treasure" refinished or renovated. May include doll-sized furniture.
- Class 4 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. Items 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, G1682 for information on textiles. (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.

CELEBRATE ARTS
Not State Fair Eligible

Each exhibit consists of a finished item for the home (no clothing or accessory items accepted) that incorporates the art elements and/or design principles in its creation. Entries must be made by applying or manipulating one of the media listed. What media was used to create the design?

DIVISION 262

- Class 1** Fiber
- Class 2** Clay
- Class 3** Textiles
- Class 4** Wood
- Class 5** Glass
- Class 6** Ceramic
- Class 7** Paper
- Class 8** Metal
- Class 9** Chalk
- Class 10** Carbon/Ink
- Class 11** Pigment/Water Color
- Class 12** Nature Materials
- Class 13** Mixed Media

DESIGN MY SPACE
Not State Fair Eligible

DIVISION 263

- Class 1** Needlework item (made with yarn or floss)
- Class 2** Simple fabric accessory, like pillow, laundry bag, pillow case, table runner, etc.
- Class 3** Accessory made with original batik or tie dye
- Class 4** Simple accessory using wood
- Class 5** Simple accessory using plastic
- Class 6** Simple accessory using glass
- Class 7** Simple accessory using clay
- Class 8** Simple accessory using paper
- Class 9** Simple accessory using metal tooling or metal punch
- Class 10** Storage item made or recycled
- Class 11** Bulletin or message board
- Class 12** Problem solved: Use a creative method to show you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan, etc.)
- Class 13** Video showing how to make a bed, organize a room or the steps you used to make your simple accessory

FURNISHINGS ON A SHOESTRING
Not State Fair Eligible

REQUIRED - Include the amount of money spent to make the item and estimated savings.

DIVISION 255

Class 1 A Low Cost Article - made or finished by the member that solved a home environment problem by using a common object or material in a creative way. **Include** supporting information sheet. Could be made from reused or recycled products.

Class 2 A Low Cost Piece of Furniture - made or finished by the member that solved a home environment problem by using a common object or material in a creative way. **Include** supporting information sheet.

QUILT QUEST

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

EXHIBIT GUIDELINES

In Quilt Quest, 4-Hers 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-Her 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. All entry cards and support information must be attached using a safety pin. **No straight pins.** For all classes, 4-Hers can choose fabrics for the quilt by selecting fabric from fabric bolts. 4-Hers 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 2 ½" 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-Hers 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 1 ½" 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 ½" 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-Her 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.

DIVISION 229

Barn Quilts

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 the Home Environment information sheet.

Exhibits without supporting information will be dropped a ribbon placing. A barn quilt is a large

piece of wood that is painted to look like a quilt block.

Class 21 Barn Quilt created that is less than 4'x4'

Class 22 Barn Quilt created that 4'x4' or larger

Exploring Quilts

Class 10 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 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 14"x22" poster, notebook, CD, power point, Prezi, DVD, YouTube or other technique. All items must be attached together and labeled. NO quilted items should be entered in this class.

Class 30 Computer exploration. Poster or notebook with a minimum of six computer generated quilt designs or color variations on a quilt design. Include information of type of program used, process used to generate designs, or how you used color to create different quilt designs. Size of poster or notebook to be suitable for exhibit.

Premier 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.

Class 80 Hand quilted

Class 81 Sewing machine quilted

Class 82 Long arm quilted—non-computerized/hand guided

Class 83 Long arm quilted—computerized

Quilt Designs Other Than Fabric

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 the Home Environment information sheet.

Exhibits without supporting information will be dropped a ribbon placing.

Class 20 Quilt Design Other Than Fabric – Two or three-dimensional item with quilt design made using medium other than fabric – such as stained glass, paper, etc.

Quilted Exhibits

Class 40 Wearable art. Quilted clothing or clothing accessory which must have a recognizable amount of quilting and may include fabric manipulation. Quilting must be done by 4-H'er member. On a half sheet of 8 ½ x 11 inch paper, tell how you selected the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.

Class 41 Inter-generational Quilt - A quilt made by a 4-H member and family members or friends of different generations. On a half-sheet of 8 ½ by 11 inch 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?

Class 42 Service Project Quilt - A quilt constructed by a 4-H member or group to be donated to a worthy cause. On a half sheet of 8 ½ by 11 inch paper, include 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?

Guidelines for entries in classes 50 - 83

Please note description of classes. They denote degree of difficulty in construction and not the

number of years in the project. A quilt exhibit consists of 3 or more layers. All quilted exhibits must be quilted (hand or machine) 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 quilts exhibits must be clean and finished for intended purpose. On a half sheet of 8 ½ x 11 inch 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 50-52 - Pieced quilts made up of squares and/or rectangles.

Class 50 Small - length + width = less than 60". This size includes miniature quilts, wall hangings, table runners, placemats (4) and pillows. All items must be a quilted top, not just a piece of patchwork.

Class 51 Medium - length + width = 61"-120"

Class 52 Large - 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.

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

Class 61 Medium - length + width = 61"-120"

Class 62 Large - length + width = over 120"

Classes 70-72 - In addition to any of the methods in classes 50–62, quilts may have curved piecing, applique, 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.

Class 70 Small - length + width = less than 60". This size includes miniature quilts, wall hangings, table runners, placemats (4) and pillows. All items must be a quilted top, not just a piece of patchwork.

Class 71 Medium - length + width = 61"-120"

Class 72 Large - length + width = over 120"

ENVIRONMENTAL EDUCATION/EARTH SCIENCE

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

GENERAL INFORMATION

- A. All exhibitors are will show evidence of their personal field experiences or observations that relate to their exhibit. This helps judges understand what the exhibitor learned in the process.
- B. Proper Credit - Show proper credit by listings the sources of plans or other supporting information used in exhibits.
- C. The exhibitor's name, county, and age must be on the back or bottom of all displays.
- D. The word "animal" or "wildlife" in the following classes includes wild fish, amphibians, reptiles, birds, or mammals. Please make sure you are following all appropriate wildlife laws.
- E. 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.
- F. All Board and Poster Exhibits -These are displays that show educational information about a topic of interest. Board exhibits can hold objects such as fishing equipment or

casts of animal tracks. Mount all board exhibits on 1/4" plywood, masonite or similar panel no larger than 24" high by 24" wide. Poster exhibits should be on regular poster sheets, no larger than standard sizes (22 by 28 inches) but half size, 22 by 14 inches, is recommended.

DIVISION 340 - CONSERVATION AND WILDLIFE CLASSES - Wildlife & How They Live (1-3)

Classes 1-4 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation. 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. For more ideas, refer to project booklets.

Class 1 MAMMAL DISPLAY

Class 2 BIRD DISPLAY

Class 3 FISH DISPLAY

Class 4 REPTILE OR AMPHIBIAN DISPLAY

Class 5 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 behavior 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.

Class 6 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, but not required.

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.

2. Option 2 should show two or more plaster-of-paris track 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.

Class 7 WILDLIFE KNOWLEDGE CHECK - Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife related knowledge. Plan size and structure to fit transportation and display; maximum size 24 x 24 inches.

Class 8 WILDLIFE DIORAMA - Box 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 a large unbroken grassland or prairie for area-sensitive species such as meadowlarks, greater prairie-chicken, lark bunting, grasshopper sparrows, Ferruginous hawk, burrowing owl, horned lark, upland sandpiper, or pronghorn; AND/OR 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, ring-necked pheasants, 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.

Class 9 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 hunting, fishing, or ethics and proper behavior for hunting or fishing. The essay is between 100 and 1000 words long and double spaced, on 8 ½ x 11 paper. You might use books, magazines, or personal interviews as resources, but give credit to all sources by listing them.

Class 10 WILDLIFE VALUES SCRAPBOOK - Make a scrapbook about the various values of wildlife following guidelines in the Wildlife Conservation project book.

Class 11 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).

DIVISION 342 – WILDLIFE HABITAT

Class 1 HOUSES - Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) Or bat house. 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 and 3) any seasonal maintenance needed. Tips: check NebGuide on bird houses and shelves.

Class 2 FEEDERS/WATERS - Make a bird feeder or bird bath. Examples: seed, suet, or nectar feeders. Indicate the kinds of animal(s) for which the feeder or waterer is intended. Make the feeder or waterer functional so that it fits wildlife needs. Include the following information 1) where and how the feeder or waterer should be located for best use and 2) how it should be maintained. Tips: check NebGuide on feeding birds.

Class 3 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.

DIVISION 343 - HARVESTING EQUIPMENT

Class 1 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 it is used in relation to other equipment, and 3) any personal experiences you've had with the item(s).

Class 2 BUILD A FISHING ROD - Build your own fishing rod for exhibit and for fishing use. Rod building blanks and kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches length. Exhibit must be mounted on a board and labeled with the member's name, county and class number.-Include with the exhibit the following items as a brief attachment: Explanation of cost of materials/components, where materials/components were purchased, how made, and number of hours required for construction. -Identify 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 (guides, etc.), correct information, and neatness.

Class 3 CASTING TARGET - Make a casting target for exhibit and use, following guidelines on the reference sheet. Target must be under 36"x36". The bullseyes/rings must be 1 foot in

diameter and can have up to 3 rings. They must be easy to store, durable, and weather resistant.

Class 4 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. Include in your exhibit the following information: 1) the purpose of each item, 2) when or where it is used in relation to other equipment and 3) any personal experiences you've had with the item(s).

Class 5 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.

DIVISION 346 - TAXIDERMY

Class 1 TANNED HIDES OR TAXIDERMY - Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information: 1) the animal's name and 2) information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

DIVISION 347 - 4-H SHOOTING SPORTS

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, blackpowder/ muzzleloader, and/or hunting skills. No firearms can be entered as an exhibit nor live ammunition, however information can be shared through pictures.

Class 1 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.

Class 2 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.

Class 3 Practice Game or Activity – Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 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 to fit needs of your group members.

Class 4 Science, Engineering, Technology Advancements of Shooting Sports, Conservation & 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

Class 5 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.

Class 6 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.

Class 7 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.

Class 8 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.

Class 9 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 finding in an interesting way for the public to learn from.

DIVISION 361 - OTHER NATURAL RESOURCE

Class 1 DESIGN YOUR OWN EXHIBIT IN NATURAL RESOURCES, CONSERVATION OR ECOLOGY - This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. Examples may come from the *Exploring Your Environment* series, or the exhibitor may determine what the exhibit should be. Entries must be appropriate for fair display and no larger than 24"x24". 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.

FORESTRY

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

GENERAL INFORMATION

The official reference for all forestry projects is the Tree Identification Manual (4-H 332) which was recently revised and is available for purchase from UNL Marketplace. Other helpful forestry references include Trees of Nebraska (EC 92-1774-X), Leafing Out (4-H431) and Plant a Tree (EC 17-11-80). Display "boards" must be made from wood or wood composite, e.g. plywood, fiberboard, or masonite, 1/4" to 1/2" thick and no larger than 24" x 24". Display boards may be coated, e.g., painted or varnished, on both sides to prevent warping. 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". Display "books" must measure no more than 16" x 16".

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. 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 of the project being disqualified. 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. How well the exhibitor follows written directions is an important factor in judging.

DIVISION 320 - FORESTRY CLASSES

Refer to the TREE IDENTIFICATION MANUAL (4-H 332) for detailed instructions of all forestry projects (except "Living Tree Display" described below).

Class 1 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, wild fire, forest products, forest wildlife, or forest pests. The only requirement is that the display must be no larger than 24 inches by 24 inches by 24 inches. 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.

Class 2 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 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- general uses, common products, fall color, etc., may be included to enhance educational value.

Class 3 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 exhibitor. **Mounting:** Twigs must be mounted on a display board. Any method, e.g. wire, glue, tape, staples, 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- general uses, tree characteristics, etc., may be included to enhance educational value.

Class 4 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 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 or legume, etc.) **4)** collector’s name **5)** collection date **6)** collection location (be specific, state and county at a minimum) Supplemental information- maturity date, average number of seed in the fruit, etc., may be included to enhance educational value.

Class 5 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 inches by 4 inches by 4 inches. 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 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-common products, wood density, etc., may be included to enhance educational value.

Class 6 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 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: a) Pith b) Heartwood c) Sapwood d) One growth ring (beginning and end) e) Cambium f) Bark

A separate label attached to the back of the disc must include: **1) Common name 2) Scientific name 3) Tree classification (softwood or hardwood) 4) Age (of the cross section) 5) Collector's name 6) Collection date 7) Collection location (be specific, state and county at a minimum)**

Class 7 Parts of a Tree *This project is only for ages 8-11.*

Prepare a poster, no larger than 24 inches x 24 inches that clearly identifies the main external parts of any tree: **a) Trunk b) Crown c) Roots d) Leaves e) Flowers f) Fruit g) Buds h) 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.

Class 8 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 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) exhibitor'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.

AGONOMY

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

Individuals in the Crop Production, Field Crops project may exhibit grain or plants to prepare an educational display representing their project. 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 appropriate project manuals.

CROP PRODUCTION

Grain Exhibits Classes 1-5

- A. A completed Crop Production Worksheet (available at <https://cropwatch.unl.edu/Youth/Documents/Crop%20Production%20Project%20Worksheet%20Final.pdf>) must accompany grain and plant exhibits or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitors 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.
- B. 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.
- C. Worksheet must be the original work of the individual exhibitor or it will be deducted one ribbon placing.
- D. 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. Refer to Scoresheet SF264. 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. Display containers will be furnished.
- E. 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 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 or half size small square bale.

DIVISION 750 – Field Crops

Class 1 Corn (includes yellow, white, pop, waxy or other type)

Class 2 Soybeans

Class 3 Oats

Class 4 Wheat

Class 5 Any other crop (includes grain sorghum, alfalfa, millet, barley, rye, triticale, amaranths, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

GUIDELINES FOR ALL DISPLAYS:

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 by 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. Refer to Scoresheet SF259 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.

class 6 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.

class 7 Crop Production Display - Display information about aspects of technology used in crop production such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.

class 8 Crop End Use Display - Display information about the final product or end uses for a crop including examples of 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.

- Class 9 Water or Soil Display** - Display information about ways to protect or conserve water and soil resources.
- Class 10 Career 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
- Class 11 Special Agronomy Project - Educational Exhibit (SF259)**- 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, full address, and county must be on the back of the poster or report cover. Refer to Scoresheet SF259 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.
- Class 12 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.
- Class 13 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.

WEED MANAGEMENT

- A. Any individual in the Conservation, Environment 1, 2, or 3, Reading the Range 1 or Using Nebraska Range 2, or the Crop Production, Field Crops projects may exhibit a weed book or weed display. The book cover and at least 15 of the specimens must represent this year's work. For assistance identifying plants, participants can use The Nebraska Department of Agriculture's Weeds of Nebraska and the Great Plains (1994) or Weeds of the Great Plains (2003).
- B. Guidelines for books (Classes 1 & 2): Plants must be mounted on sheets that are no larger than 14" wide by 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 (see example below) 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.
- C. Guidelines for Displays (Class 3): 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" by 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. Explain pictures and graphs clearly and concisely. Refer to Scoresheet SF259. 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 outside.

DIVISION 751 – Weed Science

- Class 1 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, plumeness thistle, salt cedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed, giant knotweed, sericea lespedeza or phragmites), and at least five weeds that are a problem primarily in lawns.

Class 2 Life Span - A collection of 7 perennials, 1 biennial, and 7 annual weeds.

Class 3 Weeds 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 MANAGEMENT

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

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.

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.

Guidelines for books (Classes 1-6): For books, plants must be mounted on sheets that are no larger than 14" wide by 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 (see example below) 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 neatly.

Guidelines for 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" by 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.

Guidelines for Boards (Classes 8-9): Boards should be no larger than 30" wide by 36" tall. Boards should be adequately labeled.

DIVISION 330 – Range Management

Class 1 Value & Importance for Livestock Forage & Wildlife Habitat & Food – A collection of 12 different plants 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 (EC 150, Revised July 2009) on pages 3-6. 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.

Class 2 Life Span - A collection of 6 perennial plants and 6 annual plants selected from grasses or forbs.

Class 3 Growth Season - A collection including 6 cool season grasses and 6 warm season grasses.

- Class 4 Origin** - A collection of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and are often used to seed pastures.
- Class 5 Major Types of Range Plants** - A collection including 3 grasses, 3 forbs, 3 grass-like and 3 shrubs.
- Class 6 Range Plant Collection 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.
- Class 7 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. Put your name and 4-H county on the back of the poster.
- Class 8 Range Plant Board** - Will include 25 range forage species important to a particular county.
- Class 9 Special Study Exhibit** - A display of the results of a clipping study, a degree of use study or a range site study, etc.
- Class 10 Junior Rancher Exhibit** - This exhibit include a ranch map with record book or an appropriate educational display on some phase of range land or livestock management.

HEALTHY LIFESTYLES

NUTRITION, FOODS & FOOD PRESERVATION

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

- A. **GENERAL** - Members may exhibit only in the projects in which enrolled. Include whole product as specified. After judging, a small portion will be left on display. The remaining portion may be taken home when judging is completed.
- B. **Supporting Information:** Each exhibit must include the recipe. Recipe may be handwritten, photocopied or typed. Place food on the appropriate sized plate or container and put in self-sealing bag. Attach entry tag and recipe at the corner of the bag. For non-food entries, please attach the entry tag to the upper right hand corner of the entry. Additional information including recipes and supplemental information should be identified with 4-H'ers name and county.
- C. **Criteria for Judging:** Exhibits will be judged according to score sheets available at Extension office or at <http://4h.unl.edu/fairbook>. Make sure to follow all entry instructions required for your exhibit. Incomplete exhibits will be lowered a ribbon placing. Commercially prepared mixes are ONLY allowed in Cooking 201 Creative Mix Class. Prepared baking mixes, biscuit mixes, and other pre-made mixes entered in other categories will be lowered a ribbon placing.
- D. **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.
- E. **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 or Any meat item including meat jerky, imitation meat bits (bacon bits, pepperoni, etc) or Melted cheese on top of food exhibit (cheese mixed into baked goods is considered safe and will be accepted) or Uncooked fruit toppings (i.e., fresh fruit tart).

DIVISION 350 GENERAL FOODS

- Class 1 Food Science Explorations** - Open to any 4-H'er enrolled in a Foods and Nutrition

project. 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 binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.

- Class 2 Foods and Nutrition Poster, Scrapbook, or Photo Display** - Open to any 4-H'er enrolled in a Foods and Nutrition project, involving a nutrition or food preparation or explore a related to the food industry (caterer, restaurant owner, food scientist, registered dietitian, etc.). This might contain pictures, captions, and/or reports to highlight the concept. 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 binder, an exhibit display, a written report in portfolio or notebook. Consider creativity and neatness.
- Class 3 Physical Activity and Health Poster, Scrapbook, or Photo Display** - Open to any 4-H'er enrolled in a Foods and Nutrition project, involving 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 foam core board (not to exceed 22" by 30"), computer based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.
- Class 4 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 of 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 alcohol (wine, beer, rum, etc.) will be disqualified.

ROAD TO GOOD COOKING

DIVISION 403 - Not State Fair Eligible

- Class 1 Oatmeal Cookies** - 4 on a paper plate.

COOKING 101

DIVISION 402 - Not State Fair Eligible

- Class 1 Cookies** (any recipe) - 4 on a paper plate.
- Class 2 Muffins** (any recipe) - 4 on a paper plate.
- Class 3 No Bake Cookie** (any recipe) – 4 on a paper plate.
- Class 4 Cereal Bar Cookie** (any recipe) – 4 on a paper plate.
- Class 5 Granola Bar** (any recipe) – 4 on a paper
- Class 6 Brownies** (any recipe) – 4 on a paper
- Class 7 Snack Mix** (any recipe) – at least 1 cup in a self-sealing bag.

YOUTH IN MOTION

DIVISION 300 – Not State Fair Eligible

- Class 1 YOUth in Motion Poster, Scrapbook, or Photo Display** – Exhibit about the 4-H'ers family or self involved in a physical activity or concept/lesson involving this project. This might contain pictures, captions, and/or reports about the physical activity the individual or family did as a result of taking this project.
- Class 2 Activity Bag** - A duffle bag or backpack that the 4-H'er packs so that they are always prepared to be active and make healthy food choices. May include proper workout attire, a healthy beverage or snack, a notebook or goal sheet, etc. Make sure all items are clearly labeled and an explanation of why it is included in the Activity Bag. DO NOT put valuable items (i.e. electronics) in Activity Bag, instead use a picture of the item or include in the listing of items.

- Class 3 YOUth in Motion Healthy Snack File** - Collection of 10 recipes from any source. Each recipe must accompany a complete menu in which the recipe is used, following the idea that a healthy snack includes foods from at least 2 different food groups. An additional 10 recipes may be added each year 4-H'er is in project, with year clearly marked on recipes. Consider creativity and neatness. Display in recipe file or box or in a binder.
- Class 4 Healthy Lifestyle** - Interview someone in your life that you admire that is physically active or has a healthy lifestyle. Why do they enjoy their exercise program or lifestyle choices? What are their goals? Why do you admire them? Maximum of two pages, one sided write up of interview with someone who has an active exercise program or has a healthy lifestyle. Consider creativity and neatness. Mount on colored paper or poster board, or display in a binder. Include a picture of the person interviewed. (May be laminated to preserve exhibit.) Overall size of mounted exhibit should be no larger than 9 x 12".
- Class 5 Healthy Snack** - See ideas for non-perishable snacks on page 36. Four cookies, bars, muffins, etc. on a paper plate or at least 1 cup of mix. Examples might include: granola bars, homemade crackers or chips. Supporting information to include recipe and why this snack might be considered a healthy snack.

COOKING 201

DIVISION 410

- Class 1 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.
- Class 2 Creative Mixes** – (any recipe, at least $\frac{3}{4}$ of 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 poppyseed 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?
- Class 3 Biscuits or Scones**-4 biscuits or scones on a paper plate. This may be in type of biscuit or scone: rolled or dropped. Any recipe may be used, but it must be a non-yeast baked from scratch.
- Class 4 Healthy Baked Product** – any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins/cookies on a paper plate. May be baked 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.)
- Class 5 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.
- Class 6 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.)
- Class 7 Non-Traditional Baked Product** - exhibit must include a food product prepared using a non-traditional method (i.e. bread machine, cake baked in convection oven, 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. Entry must include supporting information that discusses alternative preparation method and how it compares with traditional method.

COOKING 301

DIVISION 411

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 or mixing, raising, or baking of the food item.

Class 1 White Bread (any yeast recipe) - At least 3/4 of a standard loaf displayed on a paper plate.

Class 2 Whole Wheat or Mixed Grain Bread (any yeast recipe) - At least 3/4 of a standard loaf displayed on a paper plate.

Class 3 Specialty Rolls (any yeast recipe) 4 rolls on a paper plate. May be sweet rolls, bagels, English muffins, kolaches, or any other similar recipe that makes individual portions.

Class 4 Dinner Rolls (any yeast recipe) 4 rolls on a paper plate. May be clover leaf, crescent, knot, buns, bread sticks or any other type of dinner roll.

Class 5 Specialty Bread (any yeast recipe) includes tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least ¾ of a full sized baked product.

Class 6 Shortened Cake NOT FROM A CAKE MIX! At least ¾ of the cake. 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).

COOKING 401

DIVISION 412

Any bread item prepared or baked using a bread machine should be entered under the Cooking 201. All exhibits made in the Cooking 301 and Cooking 401 projects must have been prepared without the assistance of a bread machine or mixing, raising, or baking of the food item.

Class 1 Double Crust Fruit Pie - Made with homemade fruit filling. No egg pastries or cream fillings. No canned fillings or premade crusts. May be a double crust, crumb, cut-out or lattice topping. Enter in an 8- or 9-inch disposable pie pan.

Class 2 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 and heritage. Entry must include (A) recipe, (B) tradition or heritage associated with preparing the food, (C) where or who the traditional recipe came from.

Class 3 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.

Class 4 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.

Class 5 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 frostings allowed).

Class 5 SPECIALTY PASTRY - Any recipe, at least 3/4 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. Pastries made with cream or egg based fillings will be disqualified.

FOOD PRESERVATION RULES

- 1. Processing Methods:** Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jam, 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.
2. **Jars:** 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 one-fourth pint jars allowed. Leave jar rings on for fair display, it helps protect the seal. No zinc lids.
 3. **Current Project:** All canning must be the result of this year's 4-H project.
 4. **Criteria for Judging:** Exhibits will be judged according to score sheets available at the Extension office. 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 the 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.
 5. **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. 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.
 6. **Recipe/Supporting Information:** Recipe must be included, and 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: a) 4-H Food Preservation Manuals (Freezing, Drying, Boiling Water Bath Canning, Pressure Canning) b) USDA Guide to Home Canning https://nchfp.uga.edu/publications/publications_usda.html c) Nebraska Extension's Food Website <https://food.unl.edu/food-safety>: or Extension publications from other states d) Ball Blue Book (published after 2009) or online: <https://www.freshpreserving.com/recipes>
 7. All exhibits must include the 4-H Food Preservation Card 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 or water bath canner)
 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 used)
 8. Drying method and drying time (for dried food exhibits).
 9. Recipe and source of recipe (if a publication, include name and date).

DIVISION 407

Unit 1 – Freezing

- Class 1 BAKED ITEM WITH FROZEN PRODUCE** - Any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked 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 this project AND the baked food item.

Unit 2 – Drying

- Class 2 DRIED FRUIT** - Exhibit 3 different examples of 3 different dried fruit. Place each dried fruit food (6-10 pieces of fruit, minimum 1/4 cup) in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.
- Class 3 DRIED FRUIT LEATHER** - Exhibit 3 different examples of 3 different fruit leathers. Place each a 3-4" sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.
- Class 4 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.
- Class 5 DRIED VEGETABLES** - Exhibit 3 different samples of 3 different dried vegetables.

Place each food (1/4 cup of each vegetable) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

Class 6 DRIED HERBS - Exhibit 3 different samples of 3 different dried herbs. Place each food (1/4 cup of each herb) in a separate self-sealing bag. Use a "twisty" to keep exhibit together.

Class 7 BAKED ITEM MADE WITH DRIED PRODUCE/HERBS - Any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked 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

Class 8 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.

Class 9 3 JAR 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 the boiling water bath according to current USDA recommendations.

Class 10 1 JAR TOMATO EXHIBIT – Exhibit one jar of a canned tomato product. Entry must be processed in the boiling water bath according to current USDA recommendations.

Class 11 3 JAR EXHIBIT - Exhibit 3 jars of different canned tomato products (salsa, sauces without meat, juices, stewed, etc.) Entry must be processed in the boiling water bath according to current USDA recommendations.

Class 12 1 JAR PICKLED EXHIBIT - Exhibit one jar of a pickled and/or fermented product. Entry must be processed in the boiling water bath according to current USDA recommendations.

Class 13 3 JAR PICKLED EXHIBIT - Exhibit 3 jars of different kinds of canned pickled and/or fermented products. Entry must be processed in the boiling water bath according to current USDA recommendations.

Class 14 1 JAR JELLED EXHIBIT - Exhibit one jar of a jam, jelly or marmalade. Entry must be processed in the boiling water bath according to current USDA recommendations.

Class 15 3 JAR JELLED EXHIBIT - Exhibit 3 different kinds of jelled products. Entry may be made up of either pints or half pints (but all jars must be the same size). Entry must be processed in a boiling water bath according to current USDA recommendations.

Unit 4 Pressure Canning

Class 16 1 JAR VEGETABLE OR MEAT EXHIBIT – Exhibit one jar of a canned vegetable or meat. Include only vegetable and meat canned in a pressure canner according to current USDA recommendations.

Class 17 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.

Class 18 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.

Class 19 QUICK DINNER - Exhibit a minimum of 3 jars to a maximum of 5 jars (all the same size) 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 in the boiling water bath according to current USDA recommendations.

Class 20 JAR TOMATO EXHIBIT - Exhibit one jar of a canned tomato product. Entry must be processed in a pressure canner according to current USDA recommendations.

Class 21 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.

CAKE DECORATING

Cakes will not be cut. Cake will be left on display. Do not cover cakes. If they have over two years cake decorating experience, enter Cake Decorating II. All entries must include a card explaining intended use of cake and reason colors and design were chosen.

Cakes

Purple \$5.00; Blue, \$4.00; Red, \$3.00; White, \$2.00

Other displays

Purple, \$3.00; Blue, \$2.50; Red, \$2.00; White \$1.00

CAKE DECORATING 1

DIVISION 420 – Not State Fair Eligible

Class 1 Decorated Cake

Class 2 Top of Cake - Either 9" or 10" circle or 9 ½" x 13" rectangle. Can use cardboard, styrofoam or other artificial material.

Class 3 Display of three different edgings - must be exhibited on a disposable container. Must have 12 inches of each decorative edging (no card required).

Class 4 Display of Roses - Must include two roses and rosebud. It does not need leaves. Must be exhibited on a disposable container (no card required).

Class 5 Decorated Cupcake, Cookie or Other Item

CAKE DECORATING 2

DIVISION 421 –Not State Fair Eligible

Class 6 Decorated Cake

Class 7 Top of Cake - Either 9" or 10" circle or 9 ½" x 13" rectangle. Can use cardboard, styrofoam or other artificial material.

Class 8 Display of three different edgings - must be exhibited on a disposable container. Must have 12 inches of each decorative edging (no card required).

Class 9 Display of Roses - Must include two roses and a rosebud. It does not need leaves. Must be exhibited on a disposable container (no card required).

Class 10 Decorated cupcake, Cookie or Other Item

FAVORITE FOOD FAIR

DIVISION 425 –Not State Fair Eligible

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

Any 4-H member enrolled in a food/nutrition project or in a Home Environment project is eligible to enter this contest. A contest entry consists of a display set up on a card table (or similarly-sized area) and includes:

- A. A sample of the member's favorite food.
- B. Two Display cards-a menu and recipe card.
- C. Table Appointments-covering dishes, silverware, napkins, decorations, etc.

4-H'ers are responsible for bringing their own card table, serving the judge, answering questions.

Class 1 Individual Display - Junior Division

Class 2 Individual Display - Senior Division

Class 3 Team Display - consists of 2 individuals who share responsibility

BAKE AND TAKE CONTEST

DIVISION 430 – Not State Fair Eligible

Each entry will receive a \$3.00 premium.

An entry consists of a baked product presented in an attractive way, as if being given to an elderly or shut-in person or a special friend. The amount of food will vary, depending on the size of container. There should be enough of your food so you have an attractive package and the judge can sample the food. The winner of the "People's Choice Award" will receive a trophy.

Class 1 Bake and Take Display

SAFETY

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

DIVISION 440 - Safety

- Class 1 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 and score sheet SF110 for guidance. Kits containing any of the following will be automatically disqualified: 1. 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.) 2. Materials with expiration dates on or before the judging date. (This includes sterile items, non-prescription medications, ointments, salves, etc. Articles dated month and year only are considered expired on the last day of that month.) 3. Any controlled substance.
- Class 2 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.
- Class 3 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 measures that might have prevented it. The Scrapbook should be bound in a standard size hardcover binder or notebook for 8 ½" x 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.
- Class 4 Safety Experience** - 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.
- Class 5 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.

DIVISION 450 – Fire Safety

- Class 1 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".
- Class 2 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 8 ½" x 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.
- Class 3 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"x14" but not larger than 22"x28".

PERSONAL DEVELOPMENT & LEADERSHIP

ESI: ENTREPRENEURSHIP INVESTIGATION

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

All exhibits are directly related to activities in the project manual. Refer to the manual for ideas, suggestions, and additional information to enhance projects exhibits.

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 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.

DIVISION 531 - ESI

- Class 1 Interview an Entrepreneur.** Share what you learned from the person about starting and running a business or how they deliver excellent customer service. How will what you learned through this interview change your future plans or ways of thinking about business? (based on pages 2.1-2.4 of the manual)
- Class 2 Social Entrepreneurship Presentation.** Prepare a five slide power point presentation about a social entrepreneurship event 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 report cover with fasteners (no slide bars). Refer to page 2.4 of Unit 2 The Case of Me for ideas.
- Class 3 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 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.
- Class 4 Sample of an Original Product** with an information sheet (8 ½" 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? Would you do anything differently next time? If so, what? **3.** What is the suggested retail price of the product? How did you decide on the price? **4.** Market analysis of the community – data gathered through the survey of potential customers. Use three questions on page 3.3 and survey at least at least 10 people in your community about your product. **5.** How much would earn per hour? Show how you determined this figure. **6.** What is unique about this product?

Class 5 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 4 and 5, products must be entirely different products.** **1.** What did you enjoy the most about making the product? **2.** What challenges did you have when making the product? Would you do anything differently next time? If so, what? **3.** What is the suggested retail price of the product? How did you decide on the price? **4.** Market analysis of the community – data gathered through the survey of potential customers. Use three questions on page 3.3 and survey at least at least 10 people in your community about your product. **5.** How much would earn per hour? Show how you determined this figure. **6.** What is unique about this product?

Class 6 Entrepreneurship Challenge – Take on the entrepreneurship challenge. Entrepreneurship Challenge is open to 4-H'ers enrolled in any of the three units of ESI. 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, report or scrapbook related to the learning from the challenge. Use your creativity to show and share what you learned. Select your five (5) challenges from the list 1) Sell something. 2) Introduce yourself to a local entrepreneur and take a selfie with them. 3) Be a detective! Look for Nebraska-made products and find out more about the business. 4) Tour 2-3 entrepreneurial businesses and create a photo story. 5) Investigate what it takes to be an entrepreneur (Skills Assessment ESI 4.1.) 6) Make a prototype (sample/model) of a new product idea. (Include the prototype or a photo of prototype.) 7) Work with a friend to develop a new business idea! 8) Contact your local Extension Office to learn about entrepreneurship opportunities. 9) Create an activity to teach others about entrepreneurship (coloring page, puzzle, game, etc.)

JUDGING, SKILL & IDENTIFICATION CONTESTS

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

LIVESTOCK JUDGING

Three age divisions will be provided. Junior Division - consists of individuals age 10 and under. Intermediate Division is age 11 to 13. Senior Division consists of 14 years of age or older.

DIVISION 500 – Livestock Judging

Class 1 Sr. Livestock

Class 2 Int. Livestock

Class 3 Jr. Livestock

PLANTS & ANIMALS

HORTICULTURE

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

GENERAL INFORMATION FOR FLORICULTURE, EDUCATIONAL EXHIBITS & HOUSE PLANTS

Youth must be enrolled in the World of Flowers, Annual Flowers, Growing Great Houseplants projects and/or Special Garden Project to exhibit. A maximum of 5 entries per person in classes 1-46 (cut flowers) and one entry per class in classes 50-65 (notebooks, posters and houseplants). Entries must be the work of the 4-H member.

THE CULTIVAR OR VARIETY NAME MUST BE INCLUDED ON ALL ENTRY CARDS. Failure

to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor not the Extension Staff or office personnel. For Floriculture, punch hole in the top center of entry tag, use a rubber band to securely attach entry tag to containers. Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing. 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.

Cut Flowers: All 3 stems of cut flowers should be the 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 and of adequate size to display blooms. Follow the guidelines in 4-H "Preparing Cut Flowers for Exhibits" when preparing entries for the fair. Free Download

<http://4h.unl.edu/preparingcutflowers>

DIVISION 770 - Horticulture

Cut Flower Annuals and Biennials - 3 stems of a single variety (cultivar).

- Class 1 Aster
- Class 2 Bachelor Buttons
- Class 3 Bells of Ireland
- Class 4 Browallia
- Class 5 Calendula
- Class 6 Celosia (crested or plume)
- Class 7 Cosmos
- Class 8 Dahlia
- Class 9 Dianthus
- Class 10 Foxglove
- Class 11 Gladiolus
- Class 12 Gomphrena
- Class 13 Hollyhock
- Class 14 Marigold
- Class 15 Pansy
- Class 16 Petunia
- Class 17 Salvia
- Class 18 Snapdragon
- Class 19 Statice
- Class 20 Sunflower
- Class 21 Vinca
- Class 22 Zinnia
- Class 23 Any other annual or biennial
- Cut Flower Perennials** - 3 stems of a single variety (cultivar) unless otherwise noted in parenthesis.
- Class 30 Achillea / Yarrow
- Class 31 Chrysanthemum
- Class 32 Coneflower
- Class 33 Coreopsis
- Class 34 Daisy
- Class 35 Gaillardia
- Class 36 Helianthus
- Class 37 Hydrangea
- Class 38 Liatris
- Class 39 Lilies (not daylilies)
- Class 40 Platycodon
- Class 41 Rose
- Class 42 Rudbeckia/Black-eyed Susan
- Class 43 Sedum
- Class 44 Statice
- Class 45 Any other perennial

Class 46 4-H Flower Garden Collection of 5 different flowers. Each flower in the collection should be exhibited with the number specified for classes 1-44. Display in a box or other holder not more than 18" in any dimension. Do not duplicate entries in classes 1-44 with any in the group collection.

Educational Exhibits

Class 50 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 the pictures and information used. The 4-H member's name, age, years in the project(s), full address and county must be on the back of the notebook.

Class 51 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. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county and years in project must be on the back of the poster.

Class 52 Educational Flower Garden Poster - prepare a poster no larger than 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 flowers or houseplant project. You might show a special technique you use or equipment you have incorporated in your garden. Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, years in the project(s) and county must be on the back of poster.

Class 53 Flower Gardening History Interview - neatly handwritten 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, full address, county and years in project(s) must be on the back of the report cover.

Container Grown House Plants: 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. 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 Neb Guide 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. Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens and terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant in Classes 60-66 that is greater than 12" in diameter (inside opening measurement) will be dropped one ribbon placing. Classes 60-65 exhibitors must have and provide a saucer to catch drainage water. Label with full name, age, full address, county and years in project.

class 60 Flowering potted houseplants(s) that are blooming for exhibition. Non-blooming plants will be disqualified.

class 61 Foliage potted houseplant(s) of all the same variety

Class 62 Hanging basket of flowering and/or foliage houseplants

Class 63 Dish garden - an open shallow container featuring a variety of plants excluding cacti and succulents

Class 64 Fairy or Miniature garden - 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 a bath tub, etc.

Class 65 Desert garden - an open shallow container featuring cacti and/or succulents grown as houseplants.

Class 66 Terrarium - a transparent container, partially or completely enclosed; sealed or unsealed.

VEGETABLES, HERBS & FRUITS

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor. An exhibitor may enter a maximum of 5 different classes, one entry per class.

Vegetables in the collection of 5 cannot be the same type as those entered in the single exhibits. Follow the guidelines in “Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit” 4H226 Free Download- <http://4h.unl.edu/4hcurriculum/preparingvegetabesherbandsfruit> when preparing entries for the fair. Entries must be the work of the 4-H member.

DIVISION 773 – Vegetables (number to exhibit)

class 201 Lima Beans (6)

class 202 Snap Beans (6)

class 203 Wax Beans (6)

class 204 Beets (3)

class 205 Broccoli (1)

class 206 Brussels Sprouts (6)

class 207 Green Cabbage (1)

class 208 Red Cabbage (1)

class 209 Carrots (53)

class 210 Cauliflower (1)

class 211 Slicing Cucumbers (2)

class 212 Pickling Cucumbers (3)

class 213 Egg Plant (1)

class 214 Kohlrabi (3)

class 215 Muskmelon/Cantaloupe (1)

class 216 Okra (3)

class 217 Yellow Onions (2)

class 218 Red Onions (2)

class 219 White Onions (2)

class 220 Parsnips (3)

class 221 Bell Peppers (2)

class 222 Sweet (Non-Bell) Peppers (3)

class 223 Jalapeno Peppers (3)

class 224 Other Peppers (3)

class 225 White Potatoes (3)

class 226 Red Potatoes (3)

class 227 Russet Potatoes (3)

class 228 Other Potatoes (3)

class 229 Pumpkin (1)

class 230 Pumpkins-Miniature (Jack Be Little type) (2)

class 231 Radish (6)

class 232 Rhubarb (3)

- Class 233 Rutabaga (1)
- Class 234 Green Summer Squash (1)
- Class 235 Yellow Summer Squash (1)
- Class 236 White Summer Squash (1)
- Class 237 Acorn Squash (1)
- Class 238 Butternut Squash (1)
- Class 239 Buttercup Squash (1)
- Class 240 Other Winter Squash (1)
- Class 241 Sweet Corn (in husks) (3)
- Class 242 Swiss Chard (3)
- Class 243 Red Tomatoes (2" or more in diameter) (2)
- Class 244 Roma or Sauce-type tomatoes (2)
- Class 245 Salad Tomatoes (under 2" in diameter) (6)
- Class 246 Yellow Tomatoes (2" or more in diameter) (2)
- Class 247 Turnips (3)
- Class 248 Watermelon (1)
- Class 249 Dry Edible Beans (1 pint)
- Class 250 Gourds, mixed types (2)
- Class 251 Gourds, single variety (2)
- Class 252 Any other vegetable 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class
- Class 255 4-H Vegetable Garden Collection of five kinds of vegetables. Display Garden Collection in a box not more than 24" in any dimension. 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 individual classes (201-252) with any in group collection.
- Class 256 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. 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)

DIVISION 773 – Herbs

Herbs 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 glass container of water. Potted herb plants will be disqualified.

- Class 260 Basil (3)
- Class 261 Dill (dry) (3)
- Class 262 Garlic (bulbs) (3)
- Class 263 Mint (3)
- Class 264 Oregano (3)
- Class 265 Parsley (3)
- Class 266 Sage (3)
- Class 267 Thyme (3)
- Class 268 Any other herb (3)
- Class 269 4-H Herb Garden Display of 5 different herbs.
Displayed in a box or other holder not more than 18" in any dimension. Each herb in the collection should be exhibited with the number specified for individual classes 260-268. Do not duplicate entries in individual classes 260-268 with any in the group collection.

DIVISION 773 – Fruits

Fruits 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.

Class 280 Strawberries (ever bearers) (1 pint)

Class 281 Grapes (2 bunches)

Class 282 Apples (5)

Class 283 Pears (5)

Class 284 Wild Plums (1 pint)

Class 285 Other small fruit or berries (1 pint)

Class 286 Other fruits OR nuts (5)

DIVISION 773 – Educational Exhibits

Class 290 **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 are not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county and years in project(s) must on the back of poster.

Class 291 **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 you have 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 manuals, but use your own creativity. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county and years in project must be on the back of poster.

Class 292 **Vegetable and/or Herb Gardening History Interview** - neatly handwritten account of gardening history 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, full address, county and years in project(s) must be on the back of the report cover.

Class 293 **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 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 of 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 site references on where the scientific name information was found. On the back, label with the 4-H'ers name, age, years in the project, full address & county.

Class 294 **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; & 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 small 3-ring notebook. 4-H'ers name, age, years in the garden project, full address & county must on the back cover of report.

DIVISION 775 – Special Garden Project

- Class 1 Special Garden 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, full address, and county must be on the back of poster or report cover.
- Class 2 Special Garden Project Fresh Cut Flowers or Harvested Vegetables** – The current years' Special Garden Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if special garden project is a fresh cut flower. Refer to classes 201-252 for quantity to exhibit if special garden project is a vegetable.

DIVISION 777 - Landscape: Grow a Beautiful Space

- Class 401 Grow a Beautiful Space Unit 1 Portfolio Notebook** - Create and complete 'Landscape Professionals & Design Principles' Unit 1 Portfolio, 4H6110P. Present portfolio information in a three ring binder. Give proper credit by listing the sources of photographs/images and information used. The 4H member's name, age, full address, county, and years in the project(s) must be on the back of the notebook.
- Class 402 Establish Landscape Analysis Poster** - Take multiple photographs of a landscape that has been established for 10 or more years. Critique the landscape based on each of the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis). Describe the spatial definition of the landscape and what different areas of the landscape "feel like". Include photos taken to support your critique. Describe what changes need to be made in the landscape to improve its characteristics and sense of space. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4H member's name, age, full address, county, and years in the project(s) must be on the back of poster.
- Class 403 Grow a Beautiful Space Unit 2 Portfolio Notebook** - Create and complete 'Landscape Plants & Materials' Unit 2 Portfolio, 4H6120P. Present portfolio information in a three ring binder. Give proper credit by listing the sources of photographs/images and information used. The 4H member's name, age, full address, county, and years in the project(s) must be on the back of notebook.
- Class 404 Landscape Renovation Poster** - Take multiple photographs of a landscape that doesn't quite look right because it doesn't reflect sound design principles. Select a landscape in which you can make at least three design recommendations. Identify how the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis) could be better integrated into the landscape, and how plants or materials with specific features (size, form, color, or texture) could improve the space. Reduce the opacity of the images to 50-60 percent and sketch plants, structures, materials, and/or amenities that could improve the overall design over the original images. The poster should include the original image(s) and improved image(s), and include a short explanation of how the landscape design was improved. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.
- Class 405 Estimating Dreams Poster** - Select a dream landscape as if money is not a consideration. Develop a plan drawing of the landscape. Draw landscape to scale. Identify the types of plants, structures, and amenities used in the landscape. Research the cost of the plants and amenities and the installation. Include the general cost of grading (if needed) and labor that could be associated with installation. Create a list, noting the plants that are included in the space. The quantities of plants and the structures, materials, or amenities and their cost should be included. Calculate the final total estimate. The poster should include the scale drawing of the landscape, identification of plants, structures and amenities, and cost and labor. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.
- Class 406 Site Inventory & Analysis Poster** - Make an unscaled drawing of the landscape you

inventoried and analyzed. Develop two drawings: a site inventory and a site analysis. The site inventory and site analysis should be communicated through a combination of written notes, graphics symbols and photographs. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

Class 407 Community Landscape Poster - Identify a local community space (park, nursing home, school, county fairgrounds, etc.) that needs some landscape improvements. Work through the design process and develop a detailed plan of your improvements to the space. The plan should include design principles, functional and aesthetic factors, list of plants and materials and their costs, budget for materials, labor you have available for the project, and a timeline. Take photographs of the area and draw over the photos to illustrate your final ideas. Include photographs of the finished landscape if project ideas were carried out. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

Class 408 Renovate The Outdoors Portfolio - Select a space that you would like to redesign. The space can be at your home, a family member's or friend's house, or somewhere in your community. Develop a scaled base map of the site and locate the existing plants and structures in the landscape. Take photographs of the landscape. Evaluate the physical properties of the site and conduct an interview with the people who live there or use the space. Think about how you would change the space and develop a plan that would implement design elements into the space. Create different drawings that will move you through the design process. You will draw concept diagrams, form compositions, preliminary drawings, and the final design. Once the final design drawing is complete, use overlays on the original photographs to show how the landscape will look compared to how it looked in the photo you originally took of the landscape. Place photographs, interview notes, concept and program statements and drawings in a portfolio. The 4H member's name, age, full address, county, and years in the project(s) must be on the back of the portfolio.

ANIMALS

LIVESTOCK-DOGS-POULTRY-RABBITS GENERAL LIVESTOCK RULES

- A. RESPONSIBILITY FOR PROPER ENTRY - The responsibility for making proper entry rests with the exhibitors and the Extension Educator & FFA Advisor. It is the responsibility of the Extension Educator and FFA Advisor to make sure that each beef, sheep, goat, hog or dairy entry that is submitted was properly identified on an appropriate ownership affidavit.
- B. HEALTH PRECAUTIONS - No hog breeding classes will be shown due to health precautions.
- C. OWNERSHIP OF ANIMALS - All animals in the 4-H and FFA show must be owned by the exhibitor and ownership certified where required on the appropriate forms in the Extension Office. **All Market Beef must have been tagged at an official County tagging. All Market Sheep, Breeding Sheep, Meat Goats and Breeding Meat Goats must have a USDA scrapie tag. All animals must have ID sheets turned into the Extension Office by June 15th.** All Registered Breeding Heifers must turn a copy of their registration papers in with their ID sheets.
- D. ELIGIBILITY OF ANIMALS - Any 4-H or FFA project animal that has been offered for auction, where the intent of the auction is change of ownership, is ineligible for the 4-H and FFA livestock classes at the county fair. An animal that becomes wild and uncontrollable during the show may be declared ineligible by the committee. An animal that is tampered with by unusual means to change appearance or weight may be declared ineligible by the superintendent.
- E. NUMBER OF ENTRIES IN CLASS - In all species there must be 3 or more of a breed to

- constitute a class and a champion.
- F. QUALITY ASSURANCE - All exhibitors in beef, dairy cattle, goats, sheep, hog, rabbits and poultry must have received Quality Assurance Certification through a Nebraska Extension based program prior to fair.
- G. REGISTRATION OF LIVESTOCK - A breeding animal to be eligible for show in a registered (purebred) class must be owned by the exhibitor by June 1 of the current year and be registered by the official breed association. The registration certificate must show: 1) the name of the exhibitor, 2) the name of the exhibitor and a co-owner who is an immediate member of the exhibitor's family, or 3) the family or ranch name or parent's name. **Registration must be completed by fair date.** All Breeding Heifers must be checked in. Registration papers must be available at check-in for purebred animals. Tattoos may be checked. Commercial Breeding Heifers must be tagged with EID tag. No tattoos required on commercial heifers..
- H. ONLY PURPLES CAN BE CHAMPIONS - Any beef, dairy, goat, sheep, hog, poultry, cat, dog, small animal or rabbit entry must have been awarded a 1st or 2nd purple ribbon in a class to be eligible for champion or reserve champion.
- I. GROOMING OF LIVESTOCK
1. Clipping, trimming, blocking or grooming of any beef, dairy, goat, sheep or hog will be permitted to be done only by exhibitors, immediate family, other 4-H & FFA parents and leaders at this show. Exhibitors are encouraged to be an active participant. 2. Pigs must be shown without hairdressing compounds. This includes oil, powder or any other coat dressing compounds. Water is permitted. Pigs found in violation of this rule may be lowered one ribbon group in the show. 3. Upon violation of above rules, the exhibitor's animal involved may be lowered one ribbon placing.
- J. SUBSTITUTE SHOWMAN - An animal must be shown by the 4-H or FFA owner who entered it unless the exhibitor is excused by the Committee because of serious illness, disability due to an injury (i.e. broken arm or leg) or conflict with other livestock classes in the 4-H and FFA show. An exhibitor who has more than 1 animal in a class need not secure approval for another 4-H or FFA member to show the additional animal in the class. *However, that substitute showman must be currently exhibiting livestock at the Franklin County Fair.*
- K. NIGHT SECURITY - A night watchman is on duty.
- L. AUTHORITY - Each division committee (i.e. beef committee) shall have the authority to make all decisions within their respective divisions in accordance with rules and regulations set forth in this premium list.
- M. JUDGES DECISIONS - All judges' decisions are final. Any harassment of the judge will result in forfeiture of all premium *money*.
- N. DRESS CODE - Exhibitors showing beef, dairy, goats, dogs, sheep, hog, poultry, rabbits and small animals are required to wear a white shirt or blouse or T-shirt with the 4-H emblem or FFA shirt and dark colored blue jeans. No hats, caps or other types of headgear are to be worn in the show ring. Hard soled shoes are required.
- O. BIOSECURITY - A vet will be present on check-in day. You will be notified for specific regulations regarding each species prior to fair.
- P. **All exhibitors** will be required to sign and submit a Livestock Show Ethics Affidavit and Statement of Disclosure. The document must be signed by the exhibitor and the parent. All Exhibitors are expected to follow the IAFE National Code of Show Ring Ethics.
- Q. All sheep exhibits (breeding and market) will be inspected by a veterinarian at check-in for evidence of club lamb fungus. Exhibits determined to have "active" club lamb fungus will not be eligible to show and will be sent home.
- R. INHUMANE TREATMENT OF ANIMALS: Abuse of animals in any form will not be tolerated. No electric prods or muzzles will be allowed to be used on any animal at any time. Any violation of this rule will result in immediate disqualification with no recourse.

LIVESTOCK AUCTION RULES

1. Each exhibitor may sell a total of two animals for *premium only* consisting of market beef, breeding heifers, hog, market sheep, breeding sheep, meat goats, breeding meat goats, and dairy cattle or a combination of any two. Exhibitor will have the choice of excepting the posted packer bid, posted heavy weight bid, or posted light weight bid on the market animals or taking their livestock home (except hog). All scramble animals must be sold at packer bid.
 2. An animal can sell only once in its life. (Example: a calf can show more than one year but can sell only once.) Bucket calves and stocker feeder calves will not be eligible for the auction. Cow/Calf pairs will sell as one unit.
 3. All hogs **must** have healed id notches to sell.
 4. All exhibitors must participate in showmanship for that species to sell at the auction.
 5. All animals will be sold according to ribbon placings given by the judge. No pen of three, carcass, rate-of-gain, or showmanship champions are allowed to sell as champions.
 6. The sale of the champions in the beef, sheep and hog species will be categorized as follows and can contain only one animal in each category. Sale order will be determined and posted prior to the start of Fair. Grand Champion Market Steer, Reserve Champion Market Steer, Grand Champion Market Heifer, Reserve Champion Market Heifer, Grand Champion Breeding Heifer, Reserve Champion Breeding Heifer, Grand Champion Market Lamb, Reserve Champion Market Lamb, Grand Champion Breeding Sheep, Reserve Champion Breeding Sheep, Grand Champion Meat Goat, Reserve Champion Meat Goat, Grand Champion Breeding Meat Goat, Reserve Champion Breeding Meat Goat, Grand Champion Dairy Goat, Reserve Champion Dairy Goat, Grand Champion Market Barrow, Reserve Champion Market Barrow, Grand Champion Gilt, Reserve Champion Gilt, Champion Senior Dairy Animal, Champion Junior Dairy Animal. (*Dairy Only - Senior Dairy will sell first on even years, Junior Dairy will sell first on odd years.*) All other animals not listed above will be sold according to their ribbon placings.
 7. Sale Cards must be turned into the Livestock Sale Office by the deadline or the livestock will not sell.
 8. Dress code: Exhibitors selling animals through the auction are required to follow the 4-H and FFA dress code.
 9. All individuals selling market cattle will have a shrinkage according to packer bid deducted from the total weight at weigh-in deducted from their check.
 10. Packer bids will only be taken by members of the livestock committee.
 11. Load out of all animals will be done at the conclusion of the sale. All animals going home before the release time must have special permission from the Franklin Co. Ag Society.
- We encourage all livestock exhibitors to contact their businesses for support at the livestock auction.

RULES AND REGULATIONS FOR 2021 SCRAMBLE CONTESTS

1. All participants must be 4-H age to compete in scrambles. A participant must be at least eight (8) and not to exceed the age of eleven (11) by January 1, 2022.
2. All scramble participant winners must enroll the scramble animal in 4-H and complete a record book on the animal.
3. All scramble cattle, hog, sheep and meat goat will be shown only as 4-H market animals at the county fair. There will not be any separate classes for the animals.
4. All scramble animals must be sold at the auction at packer bid.
5. All exhibitors of the scramble animals will pay 50% of the purchase price (unless the animals are donated). This 50% will be deducted from the proceeds of the animal at the fair auction.
6. All scramble animals must be shown at the Franklin County Fair. If an exhibitor does not show the scramble cattle, hog, sheep or meat goat the purchase price must be paid in full (100%) to the Franklin County Agricultural Society.
7. All scramble winners can only re-enter the scramble contest every other year of the event. Example: If you are showing a scramble pig at the 2021 Fair, you are not eligible

to enter the pig scramble at the 2022 Franklin County Fair, but may enter the lamb, goat and calf scramble.

8. Any participant in the scramble contests is not eligible to win more than one scramble animal in the calendar year. Participants will be allowed to be in as many contests as they are eligible for, but at the conclusion of the contest, the participant must choose which species that they want to show at the 2022 Fair.

If a participant does not follow these rules, he/she will be ineligible to participate in any scramble contests.

LIVESTOCK HERDSMANSHIP

A \$25 premium will be given to each club for best herdsmanship in the following divisions: (1) Beef (2) Sheep (3) Goat, (4) Hog and (5) Dairy.

HERDSMANSHIP RULES

- A. HERDSMANSHIP RESPONSIBILITY - Herdsmanship duties are the responsibility of exhibitors rather than leaders and parents.
- B. HERDSMANSHIP BEGINS AND STOPS - It begins at Thursday, July 8th at 9:00 a.m. and ends at 3 p.m. on Sunday, July 11th.
- C. WHEN HERDSMANSHIP IS JUDGED - Club livestock exhibits may be judged for herdsmanship at any time between 7 a.m. and 8 p.m. At least one exhibitor should be present at each club exhibit during these hours.
- D. JUDGING - All livestock divisions (beef, dairy, sheep, goats and hog) will be judged separately, and compiled for overall.
- E. DISPLAY OF ANIMALS - All animals shall be in their stalls or pens between 8 a.m. and 5 p.m. except for weighing, washing and showing. All pens and stalls should be clearly identified with club and exhibitors names.
- F. RESULTS - will be posted in the livestock office after each inspection.
- G. BASIS OF RATING - Herdsmanship judges will use the following scoring guide in judging county exhibits for herdsmanship.
 1. Animals clean at all times with grooming apparent. 10 pts.
 2. Animals adequately cared for with proper feeding, clean and proper amount of bedding and adequate feeding equipment. Beef animals securely tied with 18-20 inches of lead. 15 pts.
 3. Trappings and feed area clean and neatly arranged. Fork handles and similar equipment kept down. 15 pts.
 4. Proper courtesy and conduct shown by exhibitors at all times and at all places. Exhibitors are expected to do the herdsmanship. 35 pts.
 5. Exhibitor's share of alley area kept clean. Wheelbarrows kept out-side. Alleys must be swept and clean. 25 pts.
- H. There does not have to be a minimum number of exhibitors in each division to participate.

LIVESTOCK SHOWMANSHIP

CONTEST RULES

Purple, \$5.00; Blue, \$4.00; Red, \$3.00; White, \$2.00

- A. ELIGIBILITY - All 4-H & FFA livestock exhibitors must show their own animals to be considered as participants in the Showmanship Contest.
- B. SHOWMANSHIP CONTEST - All beef will be showed in one showmanship class.
- C. SHOWMANSHIP DIVISIONS: Jr. is 8-10 years of age, Int. is 11-13 years of age and Sr. is 14 years and older as of the current year unless the exhibitor is out of school (includes youth who have been out of school one year) and they will show in the Out of School Showmanship class. If there is not more than 3 individuals for an Int. class in any species, the class will be split into just Jrs. & Srs.
- D. SHOWMANSHIP REQUIRED - All livestock exhibitors must take part in showmanship in order to sell their animal at the Fair Auction.

- E. BASIS FOR JUDGING - Showmanship judging is based on preparation of animals for show, their apparent training and the appearance and behavior of the showman. Minor technical points are not to be over-emphasized, nor do minor infractions disqualify. Primarily showmanship is the skill of the showman in presenting the animal before the judge that counts while individual excellence of the animal does not.
- F. EXHIBITOR DRESS CODE - See Rule N, General Livestock Rules.
- G. LIVESTOCK GROOMING RULE - See Rule I, General Livestock Rules.

SHOWMANSHIP CLASSES

Division 10 - Beef

- Class 10 Sr. Beef Cattle
- Class 11 Int. Beef Cattle
- Class 12 Jr. Beef Cattle
- Class 13 Out of School Beef Cattle

Division 30 - Sheep

- Class 30 Sr. Sheep
- Class 31 Int. Sheep
- Class 32 Jr. Sheep
- Class 33 Out of School Sheep

Division 35 - Hog

- Class 35 Sr. Hog
- Class 36 Int. Hog
- Class 37 Jr. Hog
- Class 38 Out of School Hog

Division 40 - Dairy Cattle

- Class 40 Sr. Dairy Cattle
- Class 41 Int. Dairy Cattle
- Class 42 Jr. Dairy Cattle
- Class 43 Out of School Dairy Cattle

Division 50- Goat

- Class 50 Sr. Goat
- Class 51 Int. Goat
- Class 52 Jr. Goat
- Class 53 Out of School Goat

OVERALL SHOWMANSHIP CONTEST

RULES & REGULATIONS

To be eligible to enter you must be age 14 and participating in Sr. Showmanship. Participant must be enrolled in a 4-H or FFA project. Participant must exhibit a 4-H or FFA animal at the 2021 Franklin County Fair and participate in the Senior Showmanship Contest. Participant will enter the Overall Showmanship Contest before weigh-in on Wednesday, July 7, 2021. The 4-H/FFA Hog Show is at 8:30 a.m. on Friday, July 9, 2021, you will be required to show a pig following the 4-H/FFA Hog Show. The participant will be required to show a goat and a lamb following the 4-H/FFA Sheep & Goat show on Friday July 9, 2021 and a beef animal after the conclusion of the 4-H/FFA Beef Show on Saturday, July 10, 2021. The Overall winner will be announced after the Sheep and Goat Show. The Fair Board members will select animals that will be shown by the participants. The winner of the Overall Showmanship Contest will not be eligible to enter the Overall Showmanship Contest in the future. A prize will be awarded. No premium money will be given.

GENERAL BEEF SHOW RULES

Purple, \$7.50; Blue, \$5.00; Red, \$4.00; White, \$3.00

- A. GENERAL RULES - General livestock rules apply.
- B. ARRIVAL TIME - All beef cattle must be in stalls by 4:30 p.m. on Wednesday, July 7, 2021.
- C. NUMBER OF ENTRIES PER EXHIBITOR - A 4-H or FFA member is limited to exhibiting

- 2 market steer, 2 market heifers 2 breeding heifers. If exhibitor is showing a scramble beef, they may bring a maximum of 3 market beef animals and 2 breeding heifers.
- D. ALL EXHIBITORS - A 4-H & FFA exhibitor must participate in their species livestock showmanship class in order to sell their animal at fair. For example if you want to sell a beef animal you must participate in Beef Showmanship, etc.
 - E. NO MUZZLES ALLOWED - No muzzles or similar devices will be allowed on 4-H and FFA beef animals at this show.
 - F. GROOMING RULE – **Beef Show and Beef Showmanship will be Blow and Go**; animals may be clipped, blown, brushed or combed to enhance their appearance. Guidelines are:
 1. 4-H Animals will be shown free of any compounds that are applied by aerosol propellants
 2. Alcohol, water or any water-based or alcohol-based products with no adhesive qualities are permitted.
 3. Any compounds that have adhesive qualities or alter the color of the animal are prohibited.
 4. All beef animals will be checked for compliance of the Blow and Go guidelines before entering the show ring.
 5. Any animal found to be in violation of the above rules will lowered one ribbon placing.
 - G. RELEASE OF BEEF CATTLE - All breeding heifers and market cattle not sold will be released at 8:00 p.m. on July 11th.

MARKET BEEF

- A. MINIMUM WEIGHTS - Market steers must weigh at least 1000 pounds and market heifers at least 900 pounds to qualify for consideration for purple awards and championship.
- B. WEIGH-IN TIMES - will be announced on entry day. No cattle will be checked in after this time of the same day. No cattle will be re-weighed.
- C. DIVISIONS IN MARKET BEEF SHOW - The Market Beef Show is divided according to weigh-in weights as numbers demand by beef committee.
- D. BRED & FED MARKET STEER CLASS - This class is designed to recognize the quality of animals in Franklin County on the exhibitors own farm or ranch. Steers that are produced from the 4-H member's own herd or the herd of their immediate family are eligible. The steer's dam must have been bred and calved at the family's facilities and the steer must have stayed in the ownership of the family since its birth. Immediate family for the purpose of determination of eligibility for this class will be defined as parents or legal guardian. In order to sign up for this class, you had to indicate it on your ID sheet by June 15th of the current year.
- E. Top division winners from Class 1 Market Steers and Class 2 Bred and Fed Market Steers will compete for the Grand Champion Market Steer and Reserve Champion Market Steer. Each division winner will receive a trophy. Each division winner will not sell as champions in the livestock auction. There will be no supreme champion.
- F. SHOW ORDER - Market beef classes will be judged in the order determined by the Committee.

DIVISION 11 – Market Beef

- Class 1 Market Steers
- Class 2 Bred & Fed Market Steers
- Class 5 Market Heifers

BEEF BREEDING HEIFERS

- A. WEIGHING AND CHECKING IDENTIFICATION - All commercial & registered heifers must be in place by 4:30 p.m. on Wednesday, July 7, 2021. They will be checked in at the conclusion of weigh-in. *If you do not check in at this time your name will not be in the show program.* Purebred animals must be registered with appropriate breed association. Registration papers must be presented at check-in & tattoos may be checked.

- B. COMMERCIAL HEIFERS - To be eligible for show, a commercial breeding heifer must have a EID tag, known birth date, and recorded on ownership affidavit form in the Extension Office by June 15th of the current year.
- C. SHOW ORDER - We must have 3 or more of a breed to constitute a class. If there are less than 3 Registered Heifers per breed, all registered breeds will be shown together. A 4-H or FFA member may show up to 2 animals.
- D. Any Registered Breeding Heifer must have a copy of the registration papers turned in with their ID sheet by June 15th.

DIVISION 15 – Beef Breeding Heifers

- Class 1 Spring yearling heifers (calved 1-1-20 to 4-30-20)
- Class 2 Summer yearling heifer (calved 5-1-20 to 8-31-20)
- Class 3 Senior heifer calves (calved 9-1-20 to 12-31-20)
- Class 4 Cow/Calf (calved prior to 9-30-20) Calf may be shown as a feeder calf.

FEEDER CALVES

The purpose of this division is to provide 4-H and FFA members an opportunity to exhibit young beef animals. Each calf exhibited must be tagged and have a certified birth date recorded with the Extension Office by June 15. Sire and Dam need not be registered as project animals. Entries may be male or female born during 2021 but before June 15. Exhibitor must list age of calf by month and day on entry card. Classes may be subdivided into 2 groups for exhibiting; 1) January-February, 2) March-May, if numbers allow. Feeder calves may be brought to the fairgrounds on the day of show and will be released following the conclusion of the livestock show.

Purple, \$7.50; Blue, \$5.00; Red, \$4.00; White, \$3.00

DIVISION 23 – Feeder Calf

- Class 1 Feeder Male
- Class 2 Feeder Female

BUCKET CALF

Purple, \$7.50; Blue, \$5.00; Red, \$4.00; White, \$3.00

To qualify for this division, each calf (steer, heifer or bull) must be identified in the Extension Office by June 15, 2021. Entries must be steers, bulls or heifer calves born between Jan. 1, and May 31, 2021. Pens will be provided for the bucket calves for the duration of the fair however, the exhibitor may remove the calf from the grounds following the show if they desire.

If exhibiting a bucket calf, no other beef project may be taken. Exhibitor age is as of current year. Check-in for Bucket calves will be on Saturday, July 10, 2021 at 8:30 a.m. Exhibitor must submit Bucket Calf Record Sheet at this time. The 4-H Bucket Calf Show will be held at the conclusion of the Beef and Dairy Show on July 10th. Official dress is required.

DIVISION 24 – Bucket Calf

- Class 1 Jr. Division, 7-9 year olds
- Class 2 Sr. Division, 10-12 year olds

GENERAL SHEEP SHOW RULES

- A. GENERAL RULES - General livestock rules apply.
- B. ARRIVAL TIME - All sheep must be in place by 4:30 p.m. on Wednesday, July 7, 2021
- C. NUMBER OF EXHIBITS PER EXHIBITOR - A 4-H or FFA member is limited to exhibiting two breeding ewes and four market lambs except when a breeding herd is shown, then 4 breeding sheep can be shown. An animal may not be shown in both breeding and market classes. If exhibitor is showing a scramble lamb, they may bring a maximum of 5 market lambs and 2 breeding ewes except when a breeding herd is shown, then 4 breeding sheep can be shown.
- D. GROOMING RULE - See Rule I, General Livestock Rules.
- E. RELEASE OF SHEEP EXHIBITS - All breeding ewes and market lambs not consigned for sale will be released at 8:00 p.m. on July 11th.
- F. CLEANING PENS - All sheep pens must be cleaned by the exhibitor following the sale.

- G. INHUMANE TREATMENT OF ANIMALS: Abuse of animals in any form will not be tolerated. No electric prods or muzzles will be allowed to be used on any animal at any time. Any violation of this rule will result in immediate disqualification with no recourse.

MARKET SHEEP

Purple, \$5.00; Blue, \$4.00; Red, \$3.00; White, \$2.00

PEN OF 3 MARKET LAMBS

Purple, \$7.50; Blue \$5.00; Red, \$4.00; White, \$3.00

- A. MINIMUM WEIGHTS FOR MARKET LAMBS - Market lambs weighing under 90 lbs. at weigh-in will not be eligible for champion but are still eligible for a purple ribbon. No re-weighs will be allowed.
- B. DEFINITION OF MARKET LAMBS - Wether and ewe lambs are eligible for market classes. Short scrotum, cryptorchid or ram lambs are not eligible as market lambs. All lambs must carry official USDA scrapie identification.
- C. WEIGH-IN TIMES - will be announced on entry day. No sheep will be re-weighed.
- D. MARKET CLASSES - will be classified by weight and show order will be determined by committee.

DIVISION 31 – Market Lamb

Class 1 Market lamb

Class 2 Pen of 3 market lambs

BREEDING EWES

Purple, \$5.00; Blue, \$4.00; Red, \$3.00; White \$2.00

BREEDING FLOCK AWARD

Purple, \$7.50, Blue, \$5.00, Red, \$4.00, White \$3.00

- A. AGE CLASSIFICATION OF BREEDING EWES - Ewes dropped January 1, 2021 or after are classed as lambs. Ewes dropped during 2020 are classed as yearling ewes.
- B. SHOW ORDER FOR BREEDING EWES - Classes of breeding ewes will be shown in the same order determined by the committee.
- C. Both commercial and registered ewe lambs must have official USDA identification.

DIVISION 32 – Breeding Sheep Classes

Class 1 Ewes, any breed (born after Jan. 1, 2021)

Class 2 Ewes, any breed (born after Jan. 1, 2020)

Class 3 Aged Ewe (2 years or older)

Class 4 Rams, any breed (born after Jan. 1, 2021)

Class 5 Rams, any breed (born after Jan. 1, 2020)

Class 6 Aged Ram (2 years or older)

Class 7 Breeding flock (2 ewes and 1 ram)

GENERAL MARKET HOG SHOW RULES

Purple, \$5.00; Blue, \$4.00; Red, \$3.00; White \$2.00

PEN OF THREE MARKET HOGS : Purple, \$7.50; Blue \$5.00; Red, \$4.00; White, \$3.00

- A. GENERAL livestock rules apply.
- B. ARRIVAL DEADLINE - All market hogs should be in place by 4:30 p.m. on Wednesday, July 7, 2021.
- C. NUMBER OF EXHIBITS PER EXHIBITOR - A 4-H or FFA member may show a maximum of 4 market hogs. If exhibitor is showing a scramble hog, they may bring a maximum of 5 hogs. All hogs can be shown in market classes and you may pick a pen of 3 out of the four hogs. The pen of 3 does not have to include both sexes.
- D. Hog I.D. - All hogs **MUST BE** identified by both the Universal ear notch system in both ears **AND** official 4-H or FFA Hog ear tag. **Any hog showing fresh ear notches will be lowered one ribbon placing.**
- E. WEIGHT REQUIREMENTS - Market hogs must weigh between 230 lbs and 320 lbs to be eligible for champion. Any hogs not meeting this weight requirement may be eligible for a purple ribbon but still not eligible for champion.

- F. WEIGH-IN TIME will be announced on entry day of Fair. No hogs will be re-weighed.
- G. SHOW CLASSES - Classes will be set by weight and sex. An exhibitor may enter 4 (or 5 if showing a scramble) market hogs. All four hogs may be shown individually.
- H. CLEANING PENS - All hog pens must be cleaned by the exhibitor following the sale.
- I. SHOW ORDER - Market hog classes will be judged in order determined by committee.
- J. The 2021 Hog Show will be a non-terminal show.
- K. **Premise ID** - In order to exhibit hogs at County Fair a Premise ID must be registered with the Department of Agriculture.
- L. Pigs must be shown without hairdressing compounds. This includes oil, powder or any other coat dressing compounds. Water is permitted. **Pigs found in violation of this rule may be lowered one ribbon group in the show.**
- M. RELEASE OF HOGS - Hogs will be released at 8:00 p.m. on July 11th.

DIVISION 35 – Market Hog

- Class 1 Market Gilts
- Class 2 Market Barrows
- Class 3 Pen of Three Market Hogs

GENERAL DAIRY SHOW RULES

Purple, \$7.50; Blue, \$5.00; Red, \$4.00; White \$3.00

- A. GENERAL RULES - General livestock rules apply.
- B. ARRIVAL TIME - All dairy entries must be in place in stalls by 4:30 p.m. on Wednesday, July 7, 2021. Dairy exhibitors **must** pre-register their animals at the conclusion of the market animal weigh-in on entry day.
- C. NUMBER OF ENTRIES PER EXHIBITOR - A 4-H or FFA member is limited to 3 dairy animals. If the 3 qualify as a herd, they may be shown in the Herd Class.
- D. RELEASE OF DAIRY CATTLE - Dairy cattle will be released at 8:00 p.m. on July 11th.
- E. DAIRY CLASSES - Animals born after April 30, 2019 are not eligible to show in individual classes or in Dairy Herds. Registered and Grades will show together.

DIVISION 44 – Dairy Cattle

JUNIOR DAIRY ANIMAL DIVISION

- Class 1 Junior Calves (3/1/21 to 4/30/21)
- Class 2 Intermediate Calves (12/1/20 to 2/28/21)
- Class 3 Senior Calves (9/1/20 to 11/30/20)
- Class 4 Summer Yearlings (6/1/20 to 8/31/20)
- Class 5 Spring Yearlings (3/1/20 to 5/31/20)
- Class 6 Winter Yearlings (12/1/19 to 2/29/20)

SENIOR DAIRY ANIMAL DIVISION

- Class 7 Fall Yearlings (9/1/19 to 11/30/19)
- Class 8 Dry Cow - Any age
- Class 9 Two Year Olds (9/1/18 to 8/31/19)
- Class 10 Three Year Olds (9/1/17 to 8/31/18)
- Class 11 Four Year Olds (9/1/16 to 8/31/17)
- Class 12 Five+ Year Olds (prior to 9/1/16)
- Class 13 Junior Herds

Animals born after 8/31/19 that have calved must be shown as two year olds in Class 9.

DAIRY HERD

Exhibitors in the Dairy Herd class will enter 3 females. At least 1 of the 3 must be a cow that has freshened and that has been fresh long enough to have a projected 305 day M.E. At least 1 animal must qualify as "bred by exhibitor," and all 3 must be of the same breed. Only official DHIA or DHIR records are acceptable including am/pm programs. Production must be verified by a superintendent at check in time from DHIA 200 or 203. Dairy Herds may be either grade or registered. A mixed herd is considered a grade herd. Herds will be scored and awarded ribbons on the basis of the current years Dairy Herd Score Card. Each exhibitor is expected to fill out their own scorecard and present it when cattle are checked in with production verified by one of

the committee members.

GENERAL GOAT SHOW RULES

Purple, \$5.00; Blue, \$4.00; Red, \$3.00; White, \$2.00

PEN OF THREE MARKET GOATS

Purple, \$7.50; Blue \$5.00; Red, \$4.00; White, \$3.00

- A. GENERAL RULES - General livestock rules apply.
- B. ARRIVAL TIME - All goat entries must be in place in stalls by 4:30 p.m. on Wednesday, July 7, 2021. Dairy goat entries must be checked in following the conclusion of the market animal weigh-in.
- C. NUMBER OF ENTRIES PER EXHIBITOR - A 4-H or FFA member may exhibit up to 3 meat goats, 3 breeding meat goats and 3 dairy goats.
- D. RELEASE OF GOATS - Goats will be released at 8:00 p.m. on July 11th.
- E. SHOWMANSHIP CONTEST - Showmanship will be judged prior to the judging of Goat Classes.
- F. BEST DRESSED KID CONTEST - Exhibitors are encouraged to use their imagination to design a costume for their 4-H and FFA Goat (kid). The attire should emphasize the personality of the animal.
- G. JUNIOR HERD - consists of 3 animals, 1 must be bred by exhibitor and one must be in milk. Jr. Herds will be shown following each breed.
- H. Meat Goats will be weighed on entry day and should be a minimum of 45. After weigh-in, goats will be divided into weight classes depending on the number of entries.
- I. All meat goats must be carrying all milk teeth at the time of weigh-in.
- J. All meat goats must be dehorned or have horns tipped.
- K. For meat goats, only wether and female kids may be shown. No billies.
- L. INHUMANE TREATMENT OF ANIMALS: Abuse of animals in any form will not be tolerated. No electric prods or muzzles will be allowed to be used on any animal at any time. Any violation of this rule will result in immediate disqualification with no recourse.

DIVISION 53 - Goat

- Class 1 Under 5 months
- Class 2 5 months to 8 months
- Class 3 8 months to 1 year
- Class 4 1 year to 2 years - Non-milking Doe
- Class 5 Under 2 years - Milking Doe
- Class 6 Over 2 years, under 5 years - Milking Doe
- Class 7 Over 5 years - Milking Doe
- Class 8 Junior Herd
- Class 9 Mother-daughter grade
- Class 10 Mother-daughter registered
- Class 11 Best Dressed Kid
- Class 12 Meat Goat
- Class 13 Breeding Meat Goat
- Class 14 Pen of 3 Market Meat Goat

GENERAL HORSE SHOW RULES

Purple, \$7.50; Blue, \$5.00; Red, \$4.00; White \$3.00

- A. Level 1 Advancement must be passed to be eligible to show at the fair.
- B. All horse exhibitors must enter either showmanship or horsemanship.
- C. No individual may enter more than 4 animals in this department.
- D. Horses are to arrive the day of show and return home after the show.
- E. All horses in the show must have identification sheets into the Extension Office by June 1st of the current year.
- F. Classes and events will be conducted according to the "*Nebraska 4- Horse Show and Judging Guide*" 4-H 373.
- G. Stallions over 12 months of age may not be entered.

- H. Dress code will be long sleeved white shirts, blue jeans, hats, boots and 4-H arm band.
- I. Grand and Reserve Champions **must** be purple ribbon winners.
- J. All events must be pre-entered with the Extension Office. Absolutely no adding events/classes after the due date.
- K. 4-H'ers who are 8-11 years old as January 1st will show in Junior Division. Those 12 years and over as of January 1st will show in Senior Division. There will be a lead-line class held during the show for future 4-H'ers.

DIVISION 60 - Horse

- Class 1 Jr. Showmanship
- Class 2 Sr. Showmanship
- Class 3 Jr. Pleasure
- Class 4 Sr. Pleasure
- Class 5 Jr. Horsemanship
- Class 6 Sr. Horsemanship
- Class 7 Club Horsemanship
- Class 8 Jr. Reining
- Class 9 Sr. Reining
- Class 10 Jr. Pole Bending
- Class 11 Sr. Pole Bending
- Class 12 Jr. Barrel Racing
- Class 13 Sr. Barrel Racing
- Class 14 Jr. Western Riding
- Class 15 Sr. Western Riding
- Class 16 Jr. Trail Class
- Class 17 Sr. Trail Class
- Class 18 Halter Class – Mare 3 and Under
- Class 19 Halter Class – Gelding 3 and Under
- Class 20 Halter Class – Mare 4 and Over
- Class 21 Halter Class – Gelding 4 and Over

GENERAL POULTRY SHOW RULES

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

- A. **ARRIVAL DEADLINE** - All poultry exhibits must be checked in by 8:30 a.m. on Thursday, July 8th.
- B. **NUMBER OF ENTRIES PER EXHIBITOR** - A 4-H member is limited to exhibiting 6 total poultry entries.
- C. **BREEDS** - To be eligible for breed exhibition, cockerel, pullet, cock or hen chicken entries must be fair representatives of one of the breeds listed in the American Standard of Perfection.
- D. **TRIO** - A trio of exhibition birds shall consist of one male and two females. Birds entered singly are not eligible to be judged as part of a trio. Birds entered in a trio are not eligible to be judged in individual competition.
- E. **PENS** - A pen of broilers shall consist of three male or three female birds 6-9 weeks of age, a pen of hybrids, crossbred or purebred egg production birds shall consist of 3 sexually mature females. Pens of broilers or egg production females will be judged for production qualities only and need not necessarily conform to breed standards.
- F. **RULES FOR BANTAM AND OTHER POULTRY** - The rules for standards size chickens apply equally to bantams, waterfowl and turkey where applicable.
- G. **ENTRIES MUST BE 4-H PROJECT BIRDS** - All poultry exhibited must be grown in a 4-H member's project.
- H. Interview judging of poultry exhibits will be held on entry day. 4-H'ers are required to participate.
- I. **RELEASE FROM SHOW** - Poultry will be released at 12:00 p.m. on Sunday, July 12th unless otherwise dismissed due to heat.
- J. **DRESS CODE** will be as required in Section N of General Livestock Rules.

DIVISION 70 – Poultry Showmanship

Class 1 Poultry Showmanship

DIVISION 71 – Poultry Large Fowl

Class 1 Cockerel (male birds under 1 year of age)

Class 2 Pullet (female birds under 1 year of age)

Class 3 Cock

Class 4 Hen

Class 5 Pen (broilers)

Class 6 Pen (egg production)

Class 7 Trio

DIVISION 72 – Poultry Bantams

Class 1 Cockerel

Class 2 Pullet

Class 3 Cock

Class 4 Hen

Class 5 Trio

DIVISION 73 – Other Poultry

Class 1 Young Gander

Class 2 Young Goose

Class 3 Young Drake

Class 4 Young Duck

Class 5 Young Tom Turkey

Class 6 Young Hen Turkey

Class 7 Pair of Pigeons (consists of one male & one female)

Class 8 Trio

RABBIT

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

- A. Arrival deadline - All rabbit exhibits must be entered at 8:30 a.m. on Thursday, July 8th.
- B. RABBITS must be owned and raised by club member during year exhibited.
- C. NUMBER OF ENTRIES PER EXHIBITOR - A 4-H member is limited to exhibiting 4 rabbits.
- D. INTERVIEW JUDGING OF RABBIT EXHIBITS WILL BE HELD ON ENTRY DAY. 4-H'ers are required to participate in interview judging.
- E. SHOWMANSHIP - All 4-H'ers will be required to participate in the rabbit showmanship contest.
- F. RELEASE FROM SHOW - Rabbits will be released at 12:00 p.m. on Sunday, July 12th unless otherwise dismissed due to heat.
- G. DRESS CODE will be as required as in Section N of General Livestock Rules.

DIVISION 80 – Rabbit Showmanship

Class 1 Rabbit Showmanship

DIVISION 81 – Meat Rabbit

Class 1 Small fryer (under 4 lbs.)

Class 2 Large fryer (4-5 ½ lbs. maximum)

DIVISION 82 – Breeding Rabbit

Class 12 Does, under 6 months

Class 13 Does, 6-8 months

Class 14 Does, over 8 months

Class 15 Bucks, under 6 months

Class 16 Bucks, 6-8 months

Class 17 Bucks over 8 months

CAT

Purple, \$4.00; Blue \$3.00; Red, \$2.00; White, \$1.00

Not more than three entries by one exhibitor. All cats are to be taken home after they are judged. Each cat exhibitor will be required to be available on entry day for an interview with the judge if the judge so desired. Cats must be four months of age or older. The exhibitor must present the cat to the judge. Exhibitors will be judged on handling of the cat and knowledge of cat care as displayed during the judging of their cat. **HEALTH REQUIREMENTS** - Cats shall be free of fleas, ticks, and ear mites. Cats shall be free of discharge from nose and eyes. Cats are required to have current rabies and distemper (feline enteritis) vaccinations. A three in one virus vaccination (feline enteritis, feline rhinotracheitis, and calici virus) is preferred over the simple distemper vaccination, but not required. Claws shall be clipped. No expectant or nursing mother cats may enter. Check-in and judging for cats will be held at 8:30 a.m. on Thursday, July 8th.

DIVISION 690 - Cat

Class 1 Cat, All Breeds

Class 2 Cat Showmanship

DOG

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

- A. Check-in and Judging for Dogs will be held at 8:30 a.m. on Thursday, July 8th.
- B. VACCINATION REQUIRED - All dogs must be immunized with DHL, Parvo and rabies vaccine. Vaccination must be verified with a signature of the exhibitor on the entry card.
- C. NUMBER OF ENTRIES PER EXHIBITOR - An exhibitor may make no more than two entries. ADVANCEMENT IN OBEDIENCE CLASSES -
- D. FEMALES IN SEASON - Females in season will not be permitted to be shown. Lamé or Crippled dogs will not be permitted to show.
- E. DRESS CODE -See rule N, General Livestock Rules.
- F. BAITING - Baiting with food or a toy is not permitted and is cause for disqualification. Handlers may use baiting action without food or toys. The judge has the authority to disqualify violators.

DIVISION 700 – Dog

Class 1 Dog, All Breeds

Class 2 Dog Showmanship

SMALL ANIMAL & HOUSEHOLD PET

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

ANIMALS ELIGIBLE - Gerbils, hamsters, guinea pigs, tropical fish, parakeets, cockatiel and other birds, turtles, amphibians, etc. This division cannot duplicate animals that are exhibited in other division at the County Fair. Therefore, no dogs, cats, rabbits, or poultry will be permitted in this show. All animals are to be taken home after they are judged. Each exhibitor will be required to be available on entry day for an interview with the judge if the judge so desires. The exhibitor will be judged on handling of the animal and knowledge of care as displayed during the judging of their animal. **DEFINITION OF AN EXHIBIT** - 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 will be considered during the judging of the exhibit. No animal with nursing babies will be allowed. Check-in and Judging for Small Animals will be held at 8:30 a.m. on Thursday, July 8th.

DIVISION 95 – Small Animals

Class 1 Guinea Pigs, Hamsters, Gerbils & Other Mammals

Class 2 Birds

Class 3 Small Animal Project Poster (Not State Fair Eligible)

Class 4 Item made for small animal project (toy, scratch post, etc.) (Not State Fair Eligible)

Class 5 Showmanship of small animal

SCIENCE, ENGINEERING, & TECHNOLOGY

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

AEROSPACE

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 the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Several classes require a display board which should be a height of 24 inches and not to exceed 1/4-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf (width) if two 24 inch boards are cut from one end of a 4 foot by 8-foot sheet of plywood. Nothing should be mounted within 3/4 inch of the top or bottom of the board. (Example: Woodworking & Electricity.)
3. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
4. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
5. Demonstration boards should include an overall title for the display, plus other necessary labeling.
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 be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.
7. 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.
8. Rockets must be supported substantially 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.
9. 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 rockets engine mount to give added stability.
10. 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.
11. 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 and 7) conclusions.
12. The flight record should describe 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 show on the rocket. Complete factory assembled rockets will not be accepted at the State Fair.
13. 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, only actual launches count, misfires will not count towards one of the required three launches.
 - For self-designed rockets only, please include digital recorded copy of one flight. In the documentation please include a description of stability testing before the rocket was flown.

- Skill level of 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.
- High power rockets (HPR) is 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.

Entry level rockets, made with PLASTIC FINS and PLASTIC BODY TUBES, are COUNTY ONLY projects.

DIVISION 850

Aerospace/Rockets

Class 10 Rocket Level 1 rocket Not State Fair Eligible

Class 1 Rocket - Any skill level 2 rocket with wooden fins and card board body tubes painted by hand or air brush.

Class 2 Aerospace Display - Any exemplifying one of the principles learned in the Lift Off project. Examples include: display of rocket parts and purpose, 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 28x22".

Class 3 Rocket - Any Skill Level 2 Rocket with wooden fins and card board body tubes painted using commercial application. Example: commercial spray paint.

Class 3 Rocket - Any self-designed rocket with **wooden fins and cardboard body tubes**

Drones

Class 5 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”.

Class 6 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, and drones used for structural engineering. Video should not exceed 5 minutes.

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 SET Computers gives participants a first-hand experience in modern technology.

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 the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Demonstration boards should include an overall title for the display, plus other necessary labeling.
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 display.
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. **Team Entries:** To qualify for entry at the Nebraska State Fair team materials entered in

Class 8 - 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.

DIVISION 860

UNIT 1 CLASSES - NOT STATE FAIR ELIGIBLE

- Class 11 Booting Up** - 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.
- Class 12 Commercial Software Utilization** - Exhibit will be a notebook of the documentation and print-outs using each section of the commercial program (i.e. Microsoft Works; Word Processor, Database, Spreadsheet). The notebook will consist of the following areas: 1) cover page, 2) print-outs of each of the sections offered and 3) a paragraph explaining how each section can be used.
- Class 13 Computer Art Poster (Black & White)** - Exhibit should be created on at least an 8 ½" x 11" page using a commercially available graphics software package and a single color printer/plotter.
- Class 14 Computer Art Poster (Color)** - Exhibit should be created on at least an 8 1/2" x 11" page using a commercially available graphics software package and color printer/plotter. No theme required.
- Class 15 Computer Designed Greeting Card** - Exhibit will consist of six (6) greeting cards, each for a different occasion/holiday. Cards should be created on an 8 1/2" x 11" page using commercially available graphics program and either single color or color printer/plotter. The cards should vary in folds and design. Tell which software program was used. Prefabricated cards from commercially available card programs will NOT be accepted. No theme required. Put cards in some type of protective cover.
- Class 16 4-H Promotional Flier** - Exhibit should be created on 8 1/2" 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 flier. Put exhibit in protective cover.

UNIT 2 CLASSES – Computer Mysteries

- Class 1 Computer Application** - 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 such as 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 (8.5x11 inches) which should include a (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 (2) print out of your project. Project may be in color or black and white.
- Class 2 Produce a Computer Slide Show Presentation** - Using presentation software. All county fair projects with a printout should be saved on thumb drive to be submitted for county fair. A notebook with a printout of all the slides should be submitted. Slideshow should include a minimum of 10 slides and no 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 presenter. All slideshows must be up loaded.

UNIT 3 CLASSES – Computer Mysteries

- Class 3 Produce an Audio/Visual Computer Presentation** - Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. 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. The presentation must be able to be played and viewed on a PC using Windows Media Player, Real Player, iTunes or QuickTime Player.

- Class 4 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-Her, 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. Videos should be designed for web viewing. Any of the following formats will be accepted: .mpeg, .rm, .wmv, .mp4, .mov, .ppt, or .avi.
- Class 5 Create a Web Site/Blog or App -** Design a simple Web site/ blog or app for providing information about a topic related to youth using either software programs such as an HTML editor like Microsoft’s FrontPage or Macromedia’s Dreamweaver, and image editor like IrfanView or GIMP OR online using a WIKI such as Google Sites. If the Website, Blog, or App isn’t live include all files comprising the Website, Blog or App should be submitted on a CD-ROM in a plastic case along with the explanation of why the site was created. If developed using a WIKI or other online tool include a link to the website in the explanation of why the site was created.
- Class 6 3D Printing Unique Items - 3D PRINTING Unique Items - (SF1050) -** 3D printing uses plastic or other materials to build a three-dimensional (3D) object for a digital design. Youth may use original designs or someone else’s they have re-designed 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 or cookie cutter. Must include design notebook with motivation or problem statement the prototype was 3D printing will include a notebook with the follow. 1) Define motivation/problem solved 2) Software used 3) Document purpose of material and print settings 4) Material choice (PLA, PVA, ABS, etc.) 5) In-fill density 6) Moving parts.
- Class 7 3D Pen Creation -** 3D pens rapidly melt and cool plastic filament allowing the 4-H member to draw in 3D. Youth may use original designs or use a template to create their 3D item. Exhibits will be judged based on the complexity of the design and shape. 3D pen creation will include a notebook with the following: 1) Copy of the template if used and description of any changes the youth created 2) If no template used - an explanation of how the creation was built 3) Must include paragraph of what the youth learned while creating their project (i.e. way to improve their next creation) 4) Paragraph on how 3D pens impact science, engineering, and technology.
- Class 8 Maker Space -** This project is a computer generated projected 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

ELECTRICITY

General Information Electricity Posters: 4-H electricity related posters are to be entered in the engineering area for exhibiting and judging. Refer to Department 152 - Posters for general requirements.

Division 871 - UNIT 1 - Magic of Electricity

Not State Fair Eligible

- Class 9 Bright Lights -** Create your own flash light using items found around your house. Flash lights should be made out of items that could be recycled or reused. No kits please.
- Class 10 Control the Flow -** Make a switch. Use the following items: D Cell battery, battery holder, insulated wire, 2 or 2.5 volt light bulb, bulb holder, paper clip, cardboard, and two brass fasteners to create a circuit that you can open and close.

Class 11 Conducting Things - Made a circuit with a switch and a light bulb that can be used to test different household items for their ability to act as an insulator or conductor. You must find five items that are conductors and five items that are insulators. Create a table that illustrates your results.

Class 12 Is There a Fork in the Road - Use the following items to construct one parallel and one series circuit. Items: D cell battery, battery holder, insulated wire, bulb holder and 2 or 2.5 volt light bulb.

Division 872 - UNIT 2 – Investigating Electricity Not State Fair Eligible

Class 13 Case of the Switching Circuit - Use the following items: two D cell batteries, two battery holders, light bulb, bulb holder, a 3 inch by 6 inch piece of cardboard, six brass paper fasteners and approximately two feet of 24 gauge insulated wire to build a three way switch. Write a short essay or create a poster that illustrates how three way switches function.

Class 14 Rocket Launcher - Construct a rocket launcher out of the following materials: a plastic pencil box that is at least 4" x 8", single pole switch, a single throw switch, normally-open push button switch, 40 feet of 18 or 22 gauge stranded wire, 4 alligator clips, 2-by-6 board 6 inches long, 1/8 inch diameter metal rod, rosin core solder, soldering iron or gun, wire stripper, small crescent wrench, pliers, small Phillips and straight blade screwdrivers, drill 1/8 inch and 1/4 inch drill bits, rocket igniters, additional drill bits matched to holes for two switches. You must successfully build a rocket launcher and light two rocket igniters with your launcher. You DO NOT have to actually fire a rocket off of the launcher. Create a poster using photographs to show the "step by step process" you used to build your launcher.

Class 15 Stop the Crime - Build an ALARM using the following materials: On-off switch, mercury switch, buzzer-vibrating or piezoelectric, 9-volt battery, 9-volt battery holder, 4" x 4" by 1/8" Plexiglas board to mount circuit on; rosin core solder, soldering gun/iron, two feet of 22 gauge wire, wire strippers, hot glue sticks, hot glue gun and a plastic box with a lid to mount your alarm circuit on. Create a poster using photographs to show the "step by step process" you used to build your alarm.

DIVISION 870 - UNIT 3 – Wired for Power

Class 1 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.

Class 2 Lighting Comparison - Display studying the efficiency of various lighting (incandescent, fluorescent, halogen, Light Emitting Diodes, etc.). Exhibit could be a poster display or an item.

Class 3 Electrical Display/Item - Show an application of one of the concepts learned in the Wired for Power project. Ex. 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/item.

Class 4 Poster - Should exemplify one of the lessons learned in the Wired for Power project. Posters can be any size up to 28" by 22".

DIVISION 870 - UNIT 4 - Electronics

Class 5 Electrical/Electronic Part Identification - Display different part used for electrical/electronics 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.

Class 6 Electronic Display - Show an application of one of the concepts learned in the Electronics project. Examples include: components of an electronic device (refer to pg 35 of the Entering Electronics manual).

Class 7 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. Ex. include: a radio, a computer or a volt meter.

Class 8 Poster - Poster should exemplify one of the lessons learned in the Electronics project. Posters can be any size up to 28" by 22".

4-WHEELIN'

DIVISION 895 - Not State Fair Eligible

Class 1 Poster – Poser should exemplify one of the lessons learned in the 4-Wheelin' project. Posters can be any size up to 28" x 22".

ROBOTICS

Youth enrolled in Virtual Robotics, Junk Drawer Robotics (Levels 1, 2, or 3), Robotics Platforms or GEAR TECH 21 may exhibit in any class in division. Creating a video of your robot in action would be helpful for the judges but is not mandatory present as a thumb drive with your robot entry.

DIVISION 861 - Robotics

Class 1 Robotics Poster - Create a poster (14" X 22") communicating a robotics theme such as "Junk Drawer Robotics Level 3 & 4", "Robotics Engineering," "Robot or Not", "Pseudocode", "Real World Robots", "Careers in Robots" or "Autonomous Robotics", "Precision Agriculture" or a robotic topic of interest to the 4-H'er.

Class 2 Robotics Notebook – Explore a robotics topic in-depth and present your findings in a notebook. Documentation should include any designs, research, notes, pseudo code, data tables or other evidence of the 4-H'ers learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, a programming skill, calibration, sensor exploration, or any of the topics suggested in Class 1 or junk drawer robotics level 3 and 4.

Class 3 Robotics Video - This class should be displayed in a notebook. The notebook should include a video clip on a CD/DVD that demonstrates the robot performing the programmed function. Include your pseudo code and screenshots of the actual code with a written description of the icon/command functions.

Class 4 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 (CD/DVD). Written interviews should be in a notebook. Written reports should be 3-5 pages, double spaced, 12 point font, and 1" margins. Multimedia reports should be between 3-5 minutes in length.

Class 5 Robotics Sensor Notebook - Write pseudo code with a loop which includes at least one sensor activity. Include the code written and explain the code function.

Class 6 Build a Robot (may use kit) - Include a robot and notebook including the pseudo codes for at least one program you have written for the robot, the robots purpose, and any challenges or changes you would make in the robot design or programming. If robot is more than 15" inches wide and 20" inches tall they may not be displayed in locked cases. We recommend that you submit the project under class 3 – Robotics Video. Junk Drawer Robotics do not qualify.

Class 7 Kit Labeled Robot (cannot be programmed) – This class is intended for exploration 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 or act." The exhibit should include a project the youth has constructed, a description of what it does and an explanation of how it is similar to and different from a robot. If robot is more than 15" inches wide and 20" inches tall they may not be displayed in locked cases. We recommend that you submit the project under class 3 – Robotics Video.

Class 8 3D Printed Robotics Parts - (SF244) - 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.

GEOSPACIOIAL

DIVISION 880

Class 1 Poster – Create a poster (not to exceed 14"x22") communicating a GPS theme such as

- How GPS or GIS works, Careers that use GPS, What is GIS, GPS or GIS in Agriculture, Precision Agriculture or a geospatial topic of interest.
- Class 2 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".
- Class 3 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.
- Class 4 Geocache** – Assemble a themed geocache. Each geocache should be a watertight container. It should include a log book, and pencil for finders to log their visits and may include small trinket, geocoins, 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.
- Class 5 Agriculture Precision Mapping** – 4-Hers 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 were applications can be purchased is acceptable) A report of how the analysis of the various data will be used to make a management decision.
- Class 6 4-H History Map** - Preserve 4-H History: Nominate a Point of Interest for the 4-H History Map Project include copy of submitted form in 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://www.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 historical significance of 4-H place or person. (a minimum of 1 paragraph)
- Class 7 Thematic Map** – Using any GIS software, create a thematic. 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 "x 11" 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 map.

PHYSICS/POWER OF WIND

DIVISION 900

- Class 1 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" by 22."
- Class 2 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.
- Class 3 Solar as Energy Display** - Item should be the original design of the 4-Her. 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.
- Class 4 Water as Energy Display** - Item should be the original design of the 4-Her. 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.

- Class 5 Wind as Energy Display** – Item should be the original design of the 4-Her. 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 wind.
- Class 6 Other Nebraska Alternative Energy** – Notebook should explore Nebraska an 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.

SMALL ENGINES

DIVISION 890 – Not State Fair Eligible

- Class 1 UNIT 2 - Small Engine Display/Item** - Show an application of one of the concepts learned in the Warm It Up project. Examples include: comparison of engine oil types, transmissions or safety related to engines. Exhibit should be a poster display or an actual item.
- Class 2 UNIT 3 - Engine Display/Item** - Display/item should exemplify one of the lessons learned in the Tune It Up Project. Examples include: diagnostic tools, fuel systems, ignition systems. If a complete engine is exhibited it will not be started. However, display needs to report process of building/ rebuilding engine and how/where engine will be utilized (i.e. lawn mower, weed eater, snow blower, etc.)
- Class 3 Complete Small Engines** - are to have been reconditioned, repaired or overhauled in 4-H Small Engines Project. A story listing source of engine, use of engine, repair of parts list and cost is to be included and protected in a notebook type of cover. Gas tanks are to be EMPTY when entered at the fair. The engines will be fueled and started as part of the judging criteria. All engines should be mounted on a base. Complete lawn mower exhibits are recommended where the engine is equipped with an aluminum flywheel because the blade is important to the smooth operation of the engine. Engines with cast iron flywheels will run smoothly without attachments on the PTO shaft. Engines must be equipped with a throttle control.
- Class 4 UNIT 1 - Small Engine Display/Item** - Show an application of one of the concepts learned in the unit one project. Examples include: identify the parts of a small engine, safety rules for starting a small engine, small engine repair tool identification.

BICYCLE

DIVISION 895 – Not State Fair Eligible

- Class 1** Bicycle demonstration display - to be exhibited by an individual. Exhibit may include (1) parts or system of a bicycle (2) worn or broken parts or (3) a step by step procedure of how some repair or service job is performed. A limited number of photographs are acceptable. Actual parts or cut-a ways of parts are recommended. The exhibit is to be prepared on a 24" high by 32" wide board not to exceed 1/4" in thickness.

ROPE

Requirements: Each rope exhibit must be mounted on a board that is 1/4" thick x 24" high x 32" wide. All items on demo-boards must be made according to instructions found in the 4-H Rope Manual. Mount the knots in the same position as shown in the 4-H Rope Manual. Either manila or synthetic rope may be used. When halters are exhibited, the tie rope, plus a required second piece of rope must show any three of the following items: 1) end whipping, 2) eye splice, 3) crown splice, 4) rosebud knot, 5) Matthew Walker knot, or 6) diamond knot.

DIVISION 896 – Not State Fair Eligible

- Class 1** Rope display - at least 10 and not more than 12 knots, hitches and splices (include two splices) made of 3/8" rope. Include appropriate board title and item labels. The ends of all ropes must be whipped. Judging consideration will be given to difficulty of items shown on the board.
- Class 2** Single Loop or Double Loop Halter - sheep and goats use 3/8" rope. See above requirements for halter exhibits.

Class 3 Single Loop or Double Loop Halter - cattle and horses use 5/8" or 3/4" rope. See above requirements for halter exhibits.

RESTORED VEHICLE

A report must be included, covered by clear, plastic cover, describing source, cost, repair parts list and what was done. A "before and after" photo story may also be helpful. It will be the exhibitor's responsibility to protect the display from the general public.

DIVISION 891 – Not State Fair Eligible

Class 1 In lieu of bringing a tractor, etc. to Fair, the 4-H'ers can submit a detailed report explaining the process used to restore or overhaul. Also include a VHS tape or digital recorded copy of the item and the process used.

Class 2 This is a class for the exhibitors of automobiles, motorcycles, tractors and multi-cylinder engines that have been restored and/or overhauled in a 4-H petroleum power project to original specifications.

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 this category 4-H'ers will be better educated about the topic and better their woodworking skills. The ability to build objects as designed by another person is an important life skill. Professional woodworkers often are hired to build objects to exacting specifications as laid out in a written plan. 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. **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. All projects must have appropriate finish.

DIVISION 911 - UNIT 1 - Not State Fair Eligible

Class 7 First Woodworking Article - Item made using skills learned in the Measuring Up Project Guide. Examples include: recipe holder, stilts, or other skill level appropriate item. Items should be entered with construction plans.

Class 8 Second Woodworking Article - Item made using skills learned in the Measuring Up Project Guide. Examples include: recipe holder, stilts, or other skill level appropriate item. Items should be entered with construction plans.

Class 9 Third Woodworking Article - Item made using skills learned in the Measuring Up Project Guide. Examples include: recipe holder, stilts, or other skill level appropriate item. Items should be entered with construction plans.

DIVISION 911 - UNIT 2 - Not State Fair Eligible

Class 10 Woodworking Article - Item made using the skills learned in the Making the Cut project guide. Examples include: birdhouse, foot stool, napkin or letter holder. Items should be entered with construction plans.

DIVISION 911 - UNIT 3

Class 1 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.

Class 2 Woodworking Display - Display exemplifying one of the principles learned in the Nailing it Together project. Examples include: measuring angles, wood lamination and joint types.

Class 3 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 3 manual. Exhibit must include the 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 choose this finish?) **6)** Evaluate (How does your item solve the original need?) **7)** Present results (How would you do this better next time?)

Class 4 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.

Class 5 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. Examples include: picnic tables, planters, outdoor furniture, etc.

DIVISION 911 - UNIT 4

Class 6 Woodworking Article - Item made using skills learned in the Finishing it Up manual. Examples include: dovetailing, making a pen using lathe, overlays, using a router, etc. Item is required to be appropriately finished.

Class 7 Woodworking Display - Display exemplifying one of the principles learned in the Finishing it Up project. Examples include: career opportunities, types of finishes, or dovetailing.

Class 8 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 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 choose this finish?) **6)** Evaluate (How does your item solve the original need?) **7)** Present results (How would you do this better next time?)

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 SET Welding gives participants a first-hand experience in a skill that can be used for a lifetime.

DIVISION 920 - Welding

Class 1 Welding Joints - a display of one butt, one lap and one fillet weld.

Class 2 Position welds - a display showing three beads welded in the vertical down, horizontal and overhead positions.

Class 3 Welding article - any shop article where welding is used in the construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. All plans, plan alternations, and a bill for materials must be attached to the article. Protect plans with a cover.

Class 4 Welding Furniture - any furniture with 75% welding is used in the construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. All plans, plan alternations, dimensions and a bill for materials must be attached to the article. Protect plans with a cover. May be displayed outside.

Class 5 Plasma Cutter/Welder Design - (SF279) – 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. This exhibit is not eligible for

entry at the State Fair. In the notebook include: 1) photo (front and back) of the finished project. Also include detailed photographs of the project to allow judges to examine cuts. 2) Instructions on how the design was created, this allows for replication of the project. 3) Lessons learned or improvements to the project

Class 6 Composite Weld Project - 60% of the project must be welded and 40% made from other materials such as wood, rubber, etc. All plans, plan alternations, and a bill for materials 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.

4-H Welding Project Tips & Suggestions

1. 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.** If no plans are included with welding article or welding furniture, item will be disqualified.

2. 4-H Welding Project Tips and Suggestions: Class 1

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 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 on the same size and thickness of 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 new cold rolled strap iron and cut 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 - 1/4" 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 - 1/4" 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

3. Welding Project Tips and Suggestions: Class 2

1. It is suggested that all welds be on 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" inch and 1/4" 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. 3. 4-H Welding Project Tips and Suggestions: Class 3 & 4 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.

ENTOMOLOGY

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

GENERAL INFORMATION

Specimens in display collections should be mounted properly and labeled with location and 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, so they fit in display racks. Purchase of commercially-made boxes is allowed. All specimens must be from the collector.

DIVISION 800 - Entomology

- Class 1 Entomology display - first year project** - to consist of a collection of 25 or more different kinds (species) of insects representing at least six orders. Limit of one box.
- Class 2 Entomology display - second year project** - to consist of a minimum of 50 kinds (species) of insects representing at least eight orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of the previous year. Limit two boxes.
- Class 3 Entomology display - third or more year project** - to consist of minimum of 75 kinds (species) of insects representing at least ten orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from July 1 of the previous year. Limit of 3 boxes.
- Class 4 Special Interest or Advanced Insect Display** – Educational display developed according to personal interests and/or advanced identification capability. This also is 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.).
- Class 5 Insect Habitats** - Habitats consist of any hand-crafted objects, made of natural or artificial materials, 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.
- Class 6 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 matt 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.
- Class 7 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.
- Class 8 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.

VETERINARY SCIENCE

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

The purpose of a Veterinary Science exhibit is to inform the public about a common health problem of animals or a veterinary science principle. Do not confuse veterinary science exhibit topics with animal husbandry, history or production topics.

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 I.
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 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or in a three ring binder or another bound notebook format.
6. Appropriate Veterinary Science Topics:
1) Maintaining health 2) Specific disease information 3) Photographic display of normal and abnormal characteristics of animals 4) Animal health or safety 5) Public health or safety 6) Proper animal management to ensure food safety & quality 7) Efficient and safe livestock working facilities 8) Or a topic of the exhibitors 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.*

Division 840 – Vet Science

Class 1 4-H Veterinary Display Large Animal Poster or Display

Class 2 4-H Veterinary Display Small Animal Poster or Display

SHOOTING SPORTS

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

Ribbons will be awarded based on levels of achievements. Because of the skills learned

and the need to practice safety procedures, only those 4-H members that are enrolled in Shooting Sports - BB Gun, Archery, 22 Rifle, or Shotgun will be eligible to compete in competition. Practice sessions and County Competition must be supervised by a certified shooting sports instructor. A Shooting Sports project will be not be available without a certified shooting sports instructor for the county.

The following are rules for archery equipment and firearms brought to the practice sessions and county shoots. They meet the specific criteria mentioned in the definitions below. **1)** All equipment is clean and in good working condition. **2)** A responsible adult must bring each archery equipment or firearm from the vehicle to the range, checked in immediately, and following the competition, returned straight to the car. **3)** Each privately owned piece of archery equipment or firearm must be marked with the members name with tape. **4)** Safety glasses must be worn with all firearm events. **5)** Hearing protection must be worn for 22 Rifle and Shotgun events. **NOT STATE FAIR ELIGIBLE**

DIVISION 825 - BB GUN

Open to all youth age 8 and older by January 1 of the current year. We will use BB Guns for the practice sessions and County Competitions. Targets will be shot at 5 meters. Members are encouraged to use their own firearms at the practice sessions and County Competition. County guns may be available to use if needed. Instructor will determine the Shooting Range.

DIVISION 825 - ARCHERY

Open to all youth age 8 and older by January 1 of the current year. Members are encouraged to use their own archery equipment at the practice sessions and County Competition. County equipment may be available to use if needed. For the County Competition a practice round of 6 arrows will be shot and scored. Then two rounds of 6 arrows each will be shot and scored with the highest score being used. An Archery equipment identification test will also be given. Instructor will determine the Shooting Range.

DIVISION 825 - 22 RIFLE

Open to all youth age 12 (10 or 11 if completed 2 years of BB Gun) and older by January 1 of the current year. Youth over 12 years of age should hold a hunter safety card, and consistently demonstrated to leaders that they are physically capable to properly and safely handle the firearm, and are willing to comply with safety rules. Instructor will determine the Shooting Range.

DIVISION 825 - TRAP SHOOTING

Open to all youth age 12 (10 or 11 if completed 2 years of BB Gun) and older by January 1 of the current year. Youth over 12 years of age should hold a hunter safety card, and consistently demonstrated to leaders that they are physically capable to properly and safely handle the firearm, and are willing to comply with safety rules. Instructor will determine the Shooting Range.

MISCELLANEOUS 4-H PROJECTS

Purple, \$4.00; Blue, \$3.00; Red, \$2.00; White, \$1.00

Not State Fair Eligible

DIVISION 980

3 R's for Today

Class 1 Embellished Recycled or Remade Garment

Class 2 Comforter or quilt

Class 3 Coldframe

Class 4 Self Contained display

Class 5 Scrapbook or poster to tell about what you learned

Class 6 Use item from packaging fabric that would otherwise be discarded or left unused

Fishing

Class 7 Bait box made by 4-H member. Include brief description on use of container and type of bait it will contain.

- Class 8** Display of 4 knots used by fishermen. Label and mount each knot on an 8 ½ " x 11" sheet of colored paper.
- Class 9** Collection of lures made by 4-H member. Should include 4 lures. Mount on an 8 ½" x 11" sheet of colored paper. Label each lure as to type and possible fish that may be attracted by each lure.
- Class 10** Poster on subjects dealing with fishing such as safety, cane pole assembly, fish identification, fish sportsmanship, cleaning fish, etc.
- Class 11** Fishing notebook on different fish species; include for each specie their habitat, baits to use, how to clean, water temperature favored, how to catch, daily limits, possession limits, and where to best locate each specie.

Club Reports

- Class 12 Secretary Book** - Original cover and hand written with records up to date of meetings.
- Class 13 4-H News Reports** - Three or more clips from daily or weekly newspapers mounted on a single sheet of paper 8 ½ x 11". News articles must bear the name and date of publication of newspaper from which it came. Clippings must be from newspapers dated between October 1, and fair time. Identify the entry with name, age and address of the club member. The news article may be about any subject related to 4-H club work. Entry to be made by 4-H club News Reporter only.

Catch-All

- Class 14 Catch-All Exhibit** One entry per individual or anything made in a 4-H project. Must be enrolled in that project - write project on entry tag along with name of article.

Miscellaneous Project Exhibit

For projects not specifically listed in premium book. Exhibitor may enter one exhibit per class for each project so designated.

- Class 15** Poster - 14" x 22" depicting one idea from project learnings.
- Class 16** Display - self-contained, such as a notebook or sealed box, depicting one idea from project learnings.
- Class 17** Entry of choice. Must be from project manual or approved by Extension Staff.

CLOVER KID

\$1 premium and special ribbon will be given with a limit of 15 exhibits. Please be sure they fit under one of the projects.

Clover Kid Projects include: Small Animals, Theatre Arts, A Space for Me, Celebrate Art, Beyond the Needle, Bicycle Adventures, Making Food for Me, Road to Good Cooking, Family Celebrations Around the World, Just Outside the Door and Aerospace 1.

DIVISION 830

- Class 1 Clover Kid Projects** – Clover Kids may exhibit any items they have made as part of the Clover Kid Projects or at Clover Kid Camp. (Limited to 15 exhibits)

PROTEST COMMITTEE

- A. The respective lot committee has the authority to make appropriate decisions based on the 4-H Premium Book, and will be respected by all.
- B. A committee shall be appointed by 4-H Council to serve as a protest group. They will meet when needed to act upon concerns--all protests must be submitted in writing and signed.
- C. The written protest must be submitted to the 4-H Council president and County Extension Educator - Unit Leader and must include:
 1. names of persons involved
 2. nature of concerns
 3. situation and documentation
 4. recommendations for correction
 5. specific action, rule, etc., in question
 6. additional persons committee may contact for further clarification
 7. procedures and/or steps carried out by person involved prior to submission to the

4-H Council president

- D. The committee will review the written protest. They may discuss the situation with affected persons prior to making a final decision. The committee will recommend appropriate action to the 4-H Council in writing. The recommendations will be followed and communicated both verbally and in writing to the group or individual affected.
- E. 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 smoother operation of the show and facilitates appropriate processing.
- F. The 4-H Council reserves the right to withhold premium and/or award. The exhibitor may be excluded from the show if action warrants.
- G. The appeals process is limited to the 4-H exhibitor, parent or volunteer leader.
- H. Protests will not be accepted after the exhibit is released from the 4-H Division of the County Fair.

DISCLAIMER OF RESPONSIBILITY FOR EXHIBITS AT FRANKLIN COUNTY FAIR

4-H exhibits at the Franklin County Fair are entered and displayed at the risk of the 4-H member. The 4-H Council and Ag Society Board of Directors members' accept 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, the arrangement of the buildings in which displays are housed and the number of exhibits. 4-H'er 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 to protect patrons of the County Fair, each individual will be held personally responsible for any injury.

DRUG-ALCOHOL - Use or possession of alcoholic beverages or drugs (except for medical purposes) by any exhibitor will result in immediate disqualification of that exhibitor's entry.

CODE OF CONDUCT POLICY

Anyone attending events either as an exhibitor, advisor, volunteer, parent, spectator, superintendent, judge, committee member or fair official and staff must conduct themselves in a manner consistent with this Code of Conduct and according to the Rule and Regulations of the Franklin County Agricultural Society, dba Franklin County Fair. These codes of conduct and rules are not limited to the show ring, but are applicable to any event held at the Franklin County Fairgrounds including, but not limited to meetings, workshops, clinics, contests, shows, county fair, etc. Consequences to violating this code of conduct may include, but are not limited to:

- Verbal warning
- Written warning
- Removal from Fairgrounds
- Suspension, reduction and/ or loss of premiums or prize monies
- Loss of future show privileges
- Loss of privilege to be on Fairgrounds property

The act of making an entry in the fair, participating, and/or attending such events on the Franklin County Fairgrounds is giving verification that you will abide by the code of conduct and understand the consequences of and penalties provided for actions prohibited by the code.

Exhibitors, Advisors, Volunteers, Parents, Family Members, Spectators, Superintendents, Judges, Committee Members, and Fair Officials and Staff MUST:

- Be responsible for your own behavior/conduct and uphold high standards for the group and accept consequences for inappropriate behavior
- Support and abide by the rules set forth by Fair Board, Superintendents, Committees, and Clubs
- Practice good citizenship, leadership, and self-governance
- Follow the direction of staff
- Demonstrate positive sportsmanship & attitudes at all times

- Be courteous and respectful to others
- Use appropriate language at all times
- Respect and adhere to guidelines of the Franklin County Fair Code of Conduct and all rules and regulations that apply to participation/ competition

Behavior, Conduct, and Activities Not Permitted at events held at the Franklin County Fairgrounds related to the Franklin County Fair.

- Unsportsmanlike, unethical, immoral conduct
- Improper language, (i.e., profanity)
- Bullying, intimidation, belittling
- Possession or consumption of alcohol (Except at Fair Board approved events)
- Possession or consumption of illegal drugs, including the use of tobacco by a minor
- Possession or use of weapons or fireworks (Except with prior approval from Fair Board)
- Possession or use of harmful objects with the intent to harm or intimidate others
- Destruction of property (i.e., graffiti)
- Violation of established curfew
- Disrespect for adults, other participants, volunteers, staff, and or leaders of the event
- Postings, listings, pictures, and clothing that are deemed inappropriate on fairgrounds or on Social Media forums.

The Franklin County Fair Board of Directors reserves the right to remove any person, at their discretion, from the grounds, who violates the Rules & Regulations and/or the Code of Conduct. The Franklin County Fair Board of Directors reserves the right to amend, change or add to these rules and regulations as they, in their judgment, may deem advisable. All Franklin County Fair Board of Directors decisions are FINAL.

Adopted 3/17/17 by the Franklin County Agricultural Society