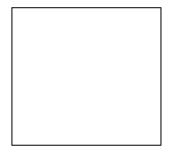
## 2024 Nance County Fair Departments

Pre-Fair Schedule	Pg. 2	Sheep	Pg. 81
Fair Schedule	Pg. 3	Swine	Pg. 82
Fair General Rules	Pg. 4	Dairy Goats	Pg. 82
Parade of Stars	Pg. 7	Meat Goats	Pg. 83
Special Exhibit Projects	Pg. 8	Other Goats	Pg. 84
Contests	Pg. 9	Horse	Pg. 84
Judging Skills	Pg. 12	Poultry	Pg. 87
Cloverkids	Pg. 13	Rabbit	Pg. 88
Citizenship	Pg. 17	Cat	Pg. 90
Heritage	Pg. 18	Dog	Pg. 91
Photography	Pg. 19	Companion Animal	Pg. 93
Miscellaneous	Pg. 22	Science, Engineering, Tech.	Pg. 94
Human Development	Pg. 23	Entomology	Pg. 94
Clothing	Pg. 24	Veterinary Science	Pg. 95
Knitting & Crochet	Pg. 28	Aerospace	Pg. 96
Consumer Management	Pg. 30	Computers	Pg. 97
Fashion Show	Pg. 32	Robotics	Pg. 99
Quilt Quest	Pg. 34	Electricity	Pg. 100
Home Design & Restoration	Pg. 36	Energy	Pg. 103
Conservation & Wildlife	Pg. 40	Woodworking	Pg. 104
Forestry	Pg. 46	Welding	Pg. 105
Range Management	Pg. 49	Nance Co 4-H Council	Pg. 107
Shooting Sports	Pg. 51	2023 Youth Donors	Pg. 108
Foods & Nutrition	Pg. 52		
Cake Decorating	Pg. 57		
Safety	Pg. 58	REMINDER:	
Entrepreneurship	Pg. 60	Your county 4-H shirt must	be worn for
Leadership	Pg. 61	ALL judging events and o	ontests.
Agronomy	Pg. 62		
Floriculture	Pg. 64		
Horticulture	Pg. 66	Contact Informatio	
Animals and Livestock	Pg. 71	Nance County Extension 308-536-2691	
Herdsmanship	Pg. 75	300-330-2091	
Showmanship	Pg. 76	Steve Pritchard	
Market Beef	Pg. 77	spritchard1@unl.ed	<u>u</u>
Rate of Gain	Pg. 77	Sonya Clun	
Breeding Beef	Pg. 77	Sonya Glup sglup2@unl.edu	
Feeder Calf	Pg. 80	<u> </u>	
Bucket Calf	Pg. 80	Ashley Boryca	
		<u>aboryca3@unl.edu</u>	<u>I</u>

# \* Denotes State Fair Eligibility



# 2024 Nance County Pre-Fair Schedule



MONDAY, MAY 8 - Nance County Extension Co	onference RoomBoone-Nance Speech Contest
WEDNESDAY, MAY 15 4:30 pm	All Animal Identification Forms Due
SUNDAY, JUNE 9 - Boone County Fairgrounds	
1:00 pm 3:30 pm	
TUESDAY, JUNE 25 - Fullerton Public Schools	
5:00 pm	Set up Favorite Foods Tables
5:30 pm	
7.00 pm	Music, Talent, Presentation Contest
	All Entries for Fair Exhibits Due to the Extension Office
4:30 pm	Static Entry Form DueNance County Fair Livestock/Small Animal
4:30 pm.	Bucket Calf Record Books Due
WEDNESDAY, JULY 10	
4:00 pm	Fashion Show Narrations Due
MONDAY JULY 15	
	Nance County Fairgrounds Clean Up & Set Up
TUESDAY, JULY 16	
	Fashion Show & Clothing Construction Interviews
10:00 am - 1:00 pmHo	rticulture & Family and Consumer Science Judging Contest



### 2024 Nance County Fair Schedule



SATURDAY, JULY 6- Boone County Fairgro	unds Horse Check-In
7.50 am	Niewohner Arena at the Boone County Fairgrounds
8:00 am	Horse Judging Contest
Following the Judging Contest	Boone- Nance Horse Show
TUESDAY, JULY 9 - Boone County Fairgrou	unde
3.00 nm	Boone-Nance County Agility Dog Show
6.60 p	Old Livestock Arena at the Boone County Fairgrounds
	, ,
WEDNESDAY, JULY 17	
4:00 - 7:00 pm	ALL Inside Ruilding Exhibits (Static) Entered
4.00 - 7.00 μπ	ALL Inside Building Exhibits (Static) Entered *ONE STATIC CHANGE AFTER CARDS ARE PRINTED
THURSDAY, JULY 18	
9:00 - 11:00 am	Enter Non-Interviewed Horticulture and Foods Exhibits
10:00 am - 12:00 pm Inte	erview Judging of Horticulture, Photography and Foods Exhibits  ***ANIMALS MAY COME IN EARLY TO BE STALLED**
	"""ANIMALS MAT COME IN EARLY TO BE STALLED""
FRIDAY, JULY 19	
1:00 pm	Poultry and Rabbits Checked In
	Rabbit and Poultry Show
6:00 - 8:00 pm	Weigh Market Livestock
SATURDAY, JULY 20	
8:30 am	Beef Show; Showmanship,
20 minutes following the Boof Chay (approx	Market, Feeder Calf, Bucket Calf, Breeding Beef 2:00 pm)Livestock Judging Contest
5:00 nm	Meat Bash
6:30 pm	Parade of Stars, Quilt of Valor Presentation
F	,
SUNDAY JULY 21	Swine Show
o.งบ aiii o.งก am	
	Small Animal Pet Show
5:00 pm	Market Livestock Premium Sale
7:00 pm	Livestock and Building Exhibits Released before release time will have incentive money forfeited***
***Exhibits and Animals removed	d before release time will have incentive money forfeited***

#### NANCE COUNTY FAIR GENERAL RULES

- 1. This Junior Fair is open to all Nance County 4-H members or FFA chapters.
- 2. To be eligible for Junior Fair premiums, the 4-H members must have reached his or her 8<sup>th</sup> birthday but not have passed his or her 19<sup>th</sup> birthday before January 1 of the current calendar year.
- 3. To be eligible for the Clover Kids program, the members must turn 5-7 years of age before the current calendar year. Project areas are limited to **Department Clover Kids.** Participation ribbons ONLY will be awarded.
- 4. All entries: 4-H, FFA, Clover Kids—will be pre-entered by Monday, July 1. Exhibitors must have completed the Nance County Fair Livestock Entry Form that is DUE in the Extension Office no later than Monday, July 1. A late fee of \$5.00 per person per day will be assessed after that dead line but entries will not be accepted after Wednesday, July 3. All horse entries are due into the office by June 14.
- 5. Only one item is entered per entry number unless stated otherwise in the premium list.
- 6. All 4-H members (excluding Clover Kids) are eligible for state fair **except** in classes where presence is required for judging purposes such as animal exhibits, judging contests, presentations, and fashion revue; a 4-H'er must have reached his or her 9<sup>h</sup> birthday before January 1. The last year of eligibility is the calendar year that the member becomes 19.
- 7. State Fair Premier 4-H Science Award -
  - **Objective:** Recognize 4-H youth static exhibits incorporating or demonstrating concepts from the areas of 4-H Science (science, technology, engineering, or applied math). Exhibits in all curriculum areas will be considered for the award.
  - **Exhibit Entry:** Youth will identify **one exhibit** to be considered for the Premier 4-H Science Award. The Premier 4-H Science Award Application must be submitted along with a photograph of the exhibit to the county extension office by the county's entry deadline. Only one exhibit per youth will be eligible for the Premier 4-H Science Award.
- 8. Items entered at the fair must be completed during the current project year, and should not have been made at school, with the exception of school enrichment projects. Exhibits made in the home economics or ag classroom are not eligible in 4-H competition unless the project is listed as a specific enrichment project.
- 9. Ribbon Awards The exhibits will be judged according to research-based standards that indicate level of performance or quality of work. Purple ribbons designate an exhibit of superior quality that has met and exceeded all of the standards. Blue ribbons denote an above average exhibit that has met almost all of the standard in a way that surpasses the norm. Red ribbons indicate average quality and indicate that the exhibit has met the majority of standards in such a way that the bench mark was reached, but not exceeded. White ribbons indicate that the exhibit has not met the majority of the standards. Only purple ribbon entries are eligible for trophies.
- 10. Superintendents shall have authority to make all decisions within their respective divisions in accordance with the Rules and Regulations. All protests and complaints should be lodged with the appropriate Division Superintendent in writing and signed. This appeal shall be lodged as soon as practical but, in all events, within thirty (30) minutes of completion of judging in the class. All decisions by the Protest Committee are subject to final review by the 4-H Council.
- 11. The respective superintendent has the authority to make appropriate decisions based on the 4-H Premium List. When needed, a committee of at least (3) but not to exceed five (5) available 4-H Council members shall be formed to serve as a protest review group. They will meet when needed to act on concerns.
  - A. The written protest must be signed and submitted to the Superintendent and must include:
    - Names of persons involved
    - Nature of concerns
    - Situation and documentation
    - Recommendations for correction
    - Specific action, rule, etc., in question
    - Additional persons committee may contact for further clarification
    - Procedures and/or steps carried out by person involved prior to submission of the protest to the Division Superintendent
  - B. The committee will review the written protest. They may discuss the situation with appropriate people and Division Superintendent. The recommendations will be followed and communicated both verbally and in written form to the individual or individuals affected.

- C. In case of protest the exhibitor MAY OR MAY NOT be allowed to show, but results of showing will be subject to change based on the outcome of the protest process. This allows for smooth operation of the show and facilitates appropriate processing.
- D. The 4-H Council reserves the right to withhold premium and/or award. The exhibitor may be excluded from the show if action warrants.
- E. Protests related to judges integrity, decisions, ribbon placing, or other evaluations will not be accepted.
- 12. All livestock exhibits and horses must be officially identified by county and state regulations. A breeding animal to be eligible for show in a registered class must 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/or 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. Immediate family is defined as members of a household, including parents, brothers and sisters, and youth in care of the head of house.
- 13. Health regulations Any animals showing infectious and contagious disease will not be permitted on the grounds.
- 14. An animal must be shown by the 4-H/FFA owner who entered it unless the exhibitor has been excused because of health reasons or other conflicts considered acceptable and excused by the superintendent in charge of that division. The substitute showman must be eligible to exhibit.
- 15. An exhibitor who has more than one animal in a class need not secure approval for another exhibitor to show the additional animal in the same class.
- 16. Eligibility of Animals Any 4-H project animal that has been offered for auction, where the intent of the auction is change of ownership, is ineligible for the 4-H livestock classes at the Nebraska State Fair. A project animal that has been through a "premium only" auction is eligible to be exhibited at the Nebraska State Fair, provided it and its exhibitor meet all other ownership and eligibility requirements. A "premium only" auction is defined as an event in which change of ownership is never the intent; but the intent is only to provide a monetary premium to accompany the ribbon earned by the exhibit.
- 17. Every article or animal upon the grounds shall be under the control of the Fair Board and the 4-H Council during the fair and while every precaution will be taken for the safekeeping of the same, the Fair Board or 4-H Council will in no way be responsible for any loss or damage that may occur.
- 18. Grooming of Livestock Preparation and grooming of an animal should be the primary responsibility of the exhibitor, however assistance may be provided by other Nance County Fair 4-H or FFA exhibitors and/or immediate family members including: brothers, sisters and/or parents/legal guardian of the exhibitor.
  - Blow and Go: All beef, swine, sheep, and goats (showmanship, market, and breeding) will be shown Blow and Go. Animals may be clipped, blown, brushed or combed to enhance their appearance.

#### **Guidelines for the Blow and Go show:**

- A. All animals will be shown free of any adhesive, glue, paint, or powder products.
- B. Any compounds that have adhesive qualities that when applied cannot be combed or brushed through, or alter the color of the animal are forbidden. These products include, but are not limited to commonly used adhesives and colorants such as Prime Time, EZ Comb, Tail Adhesive, Natural Hold, Ultra White Touch-Up, Black Touch Up, Black Finisher, black show foam, and baby powder.
- C. Alcohol, water, oil, foam or any water or alcohol-based products with no adhesives or glue qualities, or artificial colorings are permitted. These products include conditioners and commonly used sprays such as Kleen Sheen, Revive, Final Bloom, Pink Oil, white show foam, Freshen Up, Silk, and Sudden Impact.
- 19. Youth livestock producers who are enrolled in production animal projects need to understand that they have an obligation to become responsible food producers. The animals involved in 4-H and FFA production projects are no different than animals produced by the commercial or seedstock livestock operations. Youth livestock producers use the same technology available to adult counterparts in the livestock industry. Market animals eventually appear in the food chain and are made available to the consuming public. Today's modern consumer is more concerned about the quality and safety of the food supply available for their use. Recent use of illegal compounds plus the use of questionable animal management practices by individuals exhibiting market animals this past show season has caused people from all segments of the livestock industry to question the value and integrity of youth market animals shows and the educational efforts of the extension service and show management. If questionable actions are found or discrepancies against county policy are suspected, the superintendent of that show reserve the right to test the animal at his discretion.

- 20. Youth for the Quality Care of Animals (YQCA)- All exhibitors in beef, dairy cattle, goats, sheep, swine, rabbits and poultry must have received YQCA training or testing through an Extension program by June 1. Program attendance or completion of a test in the county extension office or online is required. Completion of training will be certified by county extension staff.
- 21. Dress Code—<u>Exhibitors in all contests are required to wear the county 4-H t-shirt</u>, dark blue jeans, hard soled shoes or boots. No hats, caps, or other headgear are to be worn in the show ring. Horse exhibitors wear official dress according to their rule handbook.
- 22. Anyone operating a tractor on the fairgrounds must have a tractor operator's license or a driver's license.
- 23. All 4-H members are required to work in the food stand at the fair at their designated time, or trade times with someone if their appointment is inconvenient. If times are traded, the food stand supervisor must be notified. Service is an important, vital aspect of the 4-H experience! Failure to work will result in a loss of incentive money.
- 24. **All 4-H families will donate \$15 to the 4-H food stand.** Failure to do so will result in a loss of incentive funds.
- 25. Release of all livestock and small animals will follow the Market Livestock Premium Sale on July 21 starting at 7:00 p.m. Families will leave their area at the close of fair as clean as it was prior to county fair. Failure to do so will result in a loss of incentive funds.
- 26. All fair building entries will be released at 7:00 p.m. on Sunday, July 21 or 9 a.m. on Monday, July 22. Early removal of fair exhibits will result in a loss of premium and incentive monies for that project.
- 27. Use or possession of alcoholic beverages or drugs (except for medical purposes) by any exhibitor who is participating in the Nance County Fair will result in immediate disqualification of the exhibitor's entries.
- 28. Animal Abuse:
  - A. Animals that have been abused will be eliminated from the show.
  - B. Use of artificial stimulants or any other excessive direct abuse.
- 29. Premium Livestock Sale:
  - A. Animals eligible to sell are market beef, sheep, swine, market broiler and meat goats. Animals will be sold on a flat rate bid (not on a price per pound basis). All ribbon placings will be eligible to sell. There will be NO ribbon price limitations, other than the price can't exceed that of the respective species champion. Sell by gender and if no champion, reserve champion sets the price or highest ribbon.

#### Order of the sale will rotate each year:

- 1. Meat Goat
- 2. Beef
- 3. Sheep
- 4. Market Broiler
- 5. Swine
- B. Exhibitors are eligible to sell a limit of two (2) animals (any combination). Ten percent (10%) of the premium of each animals selling will go back to the 4-H general fund and distributed with two percent (2%) going to the 4-H Council and eight percent (8%) going into the incentive fund. Exhibitor will receive ninety percent (90%) of the premium. All animals selling on the livestock sale are ineligible for incentive fund money but they remain eligible for any specified incentive fund premiums. If there is no bid on an animal, they would be eligible for incentive fund. Market animals not going through the livestock sale are eligible for full incentive fund premiums. The Youth Market Livestock Premium Sale will be held at the fair. Exhibitors, parents and other individuals who interfere with any aspect of the livestock sale before, during or after, will forfeit premi ums, awards and auction proceeds. This includes harassment of buyers involved with the live stock sale.
- C. Exhibitors **are required** to wear the 4-H T-Shirt during the livestock sale.
- D. Exhibitors must be present to exhibit their own animal in the sale unless they have been excused by the Nance County 4-H Council.



# Saturday, July 20 6:30 p.m.

Join us for the Public Fashion Show and other presentations.

All 4-Her's are encouraged to attend, and 4-H youth who modeled at the pre-fair clothing day are required to model, unless release is granted by the 4-H council.

\*If you have a 4-H project you would like to showcase, contact Sonya by July 19 at noon.

# Special Exhibit Projects

All age divisions are encouraged to participate

#### **HOT PEPPER**

Any potato is eligible; home grown or store bought.

G773257. MOST UNUSUAL SHAPED HOT PEPPER

G773258. BEST DRESSED/DECORATED HOT PEPPER (exhibit one or a grouping)

#### **BEST DRESSED GOAT CONTEST**

This is a fun event! 4-H member(s) choose a theme and dress themselves and the goats accordingly. Be creative! Invite your friends to help you show all the goats you brought.

G058005. **ALL BEST DRESSED KIDS** 

#### **LOCAL CONTESTS**

Communications - Wednesday, May 8 at 6:30 p.m. Nance County Extension Office

Horse Judging Contest – Saturday, July 6, 8 a.m. at the Boone County Fairgrounds.

Tractor Driving & ATV, Bicycle Rodeo - Sunday, June 9
\*\*Boone County Fairgrounds.

**Favorite Foods Revue** - Thursday, June 27, following table set up at 5:00 pm \*\*Fullerton Public Schools.

Presentations -Thursday, June 27, 7:00 p.m. \*\*Fullerton Public Schools.

Music & Talent Contest - Thursday, June 27, 7:00 pm \*\*Fullerton Public School.

Horticulture Judging - Tuesday, July 16, 10:00 a.m. - 1:00 p.m. \*\*Nance County Fairgrounds.

**Livestock Judging** – Saturday, July 20, 30 minutes following the Beef Show (approx.. 2 p.m.), \*\*Nance County Fairgrounds.

#### **GENERAL RULES FOR ALL CONTESTS:**

Dress - The county 4-H T-shirt must be worn for all judging contests and anytime a 4-Her is talking to a judge. For Horse Judging, Favorite Foods Review, Talent Contest, Presentation Contest, and Communications contests wear appropriate attire for your event, but a 4-H emblem must be present. If appropriate attire is not worn, ribbon placing will be dropped one ranking.

#### **DEPARTMENT CONTESTS**

#### **DIVISION 399 - FAVORITE FOODS REVUE**

PREMIUMS: Purple-\$5.50, Blue-\$4.50, Red-\$4.00, White-\$3.00

- Participants do not need to be enrolled in a foods project. This contest allows members to prepare their favorite recipe and present it for a special occasion. Each contestant will be interviewed by the judge for about five minutes. Questions will be asked about the favorite food, menu, centerpiece, and place setting.
- Plan Theme, Menu, & Recipe Select a theme for your Favorite Foods Revue table setting. (Example: 4th of July picnic, 16th birthday party, Western, Strawberries, Pansies, etc.) Plan an appropriate menu for your theme. Print or type the menu, example on page 7 of Favorite Foods Revue booklet. When planning the menu, remember to include all of the foods from the Food Guide Pyramid and also include variety in color, shape, and texture.
- From your menu, select and prepare a favorite food. On a 4"x 6" recipe card, print or type recipe you will be preparing. The food may be displayed as the whole product or as one serving. (The judge may ask to taste the food.)
- Table Setting Card table must be provided by the participant. Plan a table setting for the theme that you have chosen for 1 person. This should include table covering (cloth, placemats, table runner), napkin, dishes, silverware, centerpiece and the food you have chosen to prepare from your menu. You do not need to bring serving dishes or salt and pepper shakers.
- Judging Process Participants will be interviewed by the judge. Judging will be on the menu, appropriateness of table setting for the menu, the recipe card and clarity of directions, and participant's understanding of meal planning and food preparation. Written and oral comments will be given.
- Parents and leaders may assist in carrying in articles for display, but 4-H'ers are to set up their own display.
- Project is divided into junior and senior divisions.
- You will take your table home following judging, but you are asked to bring it on entry day for display during the
  fair. If you have items in your display that you do not feel comfortable leaving at the fair, please display what you
  feel will be safe. Do not include the prepared food. Ribbon placing will be attached on entry day.

B399001. **JUNIOR FAVORITE FOODS REVUE** - (ages 8-11, before January 1 of current year) B399002. **SENIOR FAVORITE FOODS REVUE** - (12 & older, before January 1 of current year)

1901001. **CLOVER KID -** (Age 5-7, before January 1 of current year)

#### **DIVISION 155 - TALENT CONTEST**

PREMIUMS: GROUPS - Purple-\$11.00, Blue-\$9.00, Red-\$8.00, White-\$6.00 SOLOS - Purple-\$5.50, Blue-\$4.50, Red-\$4.00, White-\$3.00

- Each group must have three or more participants, all must be 4-H members.
- 4-H member may sing (a solo and/or a duet) or play an instrument (a solo and/or a duet) or perform in one group, for a maximum of three performance times.
- Dress--Each participant will wear a 4-H Chevron or other prominent 4-H identification. Chevrons may be bought at the extension office. The performing group may not use identification of a specific club, county or organization other than 4-H.
- Time--Each group is allowed two minutes after the cue from the contest chair to arrange themselves on stage and begin performing. Props are not encouraged, but if used, must be in place within the time limit. The performance of each group is limited to not more than six minutes.
- Selection--Any number of songs may be sung within the six minutes time limit. Groups may sing any selection of their choice.
- Accompaniment--Recorded background music may be used. Performers must bring their own tape/CD/DVD and audio equipment. Please only have the music you need on the tape. Other song groups may be accompanied by piano, guitar, or other instruments. Live accompaniment, if used, may be by a 4-H member, parent or leader. Not more than one adult may accompany a group. All performers in the Band or Combo class must be 4-H members. You must provide your own music stand.
- Song groups, combos, and bands may appear with or without a director. The director of a group must be a 4-H member.
- Junior division consists of 4-H'ers under 12 years of age. Senior division consists of 4-H'ers, 12 years and older before January 1 of the current calendar year. Cloverkid 5-7 years old before January 1.
- B155001. **DRILL OR DANCE ROUTINES** Senior Division-May be a drill, square or folk dance, tap dance or any routine done as a group. Groups should be prepared to perform on a stage approximately 20 feet square.
- B155002. DRILL OR DANCE ROUTINES Junior Division
- B155003. SONG GROUP Senior Division
- B155004. SONG GROUP WITH RECORDED ACCOMPANIMENT Senior Division.
- B155005. SONG GROUP Junior Division
- B155006. SONG GROUP WITH RECORDED ACCOMPANIMENT Junior Division
- B155007. **COMBO OR BAND** Senior Division-Group must be 3 or more with instruments of their choice, including piano. May include vocalists.

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B155008. COMBO OR BAND - Junior Division
B155009. VOCAL SOLO - Senior Division
B155010. VOCAL DUET - Senior Division
B155011. VOCAL SOLO - Junior Division
B155012. VOCAL DUET - Junior Division
B155013. INSTRUMENTAL SOLO - Senior Division
B155014. INSTRUMENTAL DUET - Senior Division
B155015. INSTRUMENTAL SOLO - Junior Division
B155016. INSTRUMENTAL DUET - Junior Division
B155017. OTHER - Junior Division
B155018. OTHER - Senior Division
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#### **DIVISION 398 - SPEECH CONTEST**

PREMIUMS: Purple-\$5.50, Blue-\$4.50, Red-\$4.00, White-\$3.00

Contestants may participate in both the speech and public service announcement (PSA) areas. The PSA's are commonly used for radio broadcasts. PSA's can be read out loud or on tape and time is extremely important. Junior, Intermediate, and Senior divisions must incorporate 4-H into their speech topics.

#### Speech Rules:

1901002. **CLOVERKID** 

- Acknowledge the source of information used in the speech. For examples, an article from a magazine may be used for reference but should not be quoted directly unless you tell the audience your source.
- Use of visual aids and props are not allowed.
- Dress appropriately. Do not wear costumes or special effect clothing.
- Junior, Intermediate, & Senior divisions must incorporate 4-H into their speech topic.
- Novice and Clover Kids may use any suitable topic in their speech.
- Note cards are acceptable if used properly, speeches should not be read.
- Winners in the divisions are eligible to participate in a District speech contest in Nebraska.

#### You will be judged on these items:

- Subject length, appropriate for age and use of 4-H as a solution to a specific issue except Novice and Clover Kids
- Organization Does the speech have an introduction, body and conclusion? Does it gain and maintain attention?
   Does it provide main points?
- Delivery Does the speaker maintain eye contact and use natural gestures? Voice quality, articulation and pronunciation of words, personal appearance, attentiveness.

#### **Public Service Announcement (PSA) Rules**

- The state theme for the 2024 Public Service Announcement is "4-H is a Feeling" and should be incorporated in the PSA.
- All radio PSA's must promote 4-H and be general enough to be used anywhere in Nebraska at any time of the year.
- Radio PSA's will be submitted electronically as a .wav or .mp3 format along with 1 copy of the PSAtext. (No CDs accepted for the district contest. County contest can be read in person, on a CD, or submitted electronically)
- Sound effects and public domain music may be used. Copyrighted material may not be used.
- Judging Criteria: See score card for judging criteria.
- All PSA's must be the original work of the presenter. Contestants may not use PSA's written and provided by the state and national staff. No team PSA's are allowed for the district contest.
- B398001. CLOVER KIDS SPEECH 5-7 years old (before January 1 of the current year); 1/2 to 2 minutes B398002. CLOVER KIDS PSA 5-7 years old (before January 1 of the current year); 30 seconds, live or taped B398003. JUNIOR SPEECH 8-10 years old (before January 1 of current year); 1 to 3 minutes B398004. JUNIOR PSA 8-10 years old (before January 1 of current year); 60 seconds, live or taped B398005. INTERMEDIATE SPEECH 11-13 years old (before January 1 of current year); 3 to 5 minutes B398006. INTERMEDIATE PSA 11-13 years old (before January 1 of current year); 60 seconds, live or taped B398007. SENIOR SPEECH 14-18 years old (before January 1 of current year); 5 to 8 minutes B398018. SENIOR PSA 14-18 years old (before January 1 of current year); 60 seconds, live or taped

#### **DIVISION 151 - PRESENTATION CONTEST**

- 4-H Presentations must have received a purple rating in the county contest before entering at state.
- A team presentation, consisting of two individuals, may be given for any class; there is no separate class for team presentations.
- For the county contest, participants must make arrangements at the extension office for all equipment necessary for their presentation.
- All 4-H Presentations topics should be related to how the 4-H youth is learning about science, healthy living, citizenship, and agricultural literacy.
- A 4-H member need not be enrolled in the project area in which they are making a presentation.
- Presentations must 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).
- 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.
- Each participant is required to wear the 4-H chevron, 4-H emblem, or county 4-H shirt during their presentation.
- Presentations using live animals and requiring a show arena will be scheduled during the county fair. Presenters are responsible for all care and handling of animals.

#### **Presentation Contest:**

A 4-H presentation, given by one (1) individual or a team of two (2) 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. Judge views the entire presentation and engages in a question and answer session following presentation. Educational resources for youth participating in the 4-H Presentations Contest can be found in the Project Resource Central.

Scoresheets, forms, contest study materials, and additional resources can be found at <a href="https://go.unl.edu/ne4hpresentationcontest">https://go.unl.edu/ne4hpresentationcontest</a>

1901005. CLOVERKID ILLUSTRATED PRESENTATIONS (5-7 years of age)

B151111. 4-H ILLUSTRATED PRESENTATION CONTEST (8-9 years of age)

**Time Limit:** 5-7 minutes individual, 5-9 minutes team

B151112.\* **PREMIER PRESENTER CONTEST (10-18 years of age) Time Limit**: 6-8 minutes for a presentation given by an individual, and 8-10 minutes for a presentation given by a team.

**B151113.\* ILLUSTRATED PRESENTATION** 

B151114.\* ILLUSTRATED PRESENTATION, SPECIAL TOPIC: NEBRASKA AGRICULTURE

B151115.\* ILLUSTRATED PRESENTATION, SPECIAL TOPIC: NEBRASKA AGRICULTURE, FOOD PREPARATION

#### **DIVISION 501 - JUDGING, SKILL, AND IDENTIFICATION CONTESTS**

While a contest is in progress, a contestant shall not communicate with others, except as directed by the Superintendent in charge of the contest. Participants will be informed of regulations at the beginning of each contest. 4-H members are eligible to participate in judging, skill and identification contests regardless of project enrollment. All participants in judging, skill and identification contests must judge in respective age divisions.

#### **HORTICULTURE JUDGING**

Contestants will not be allowed to touch any plant materials.

F501003. SENIOR DIVISION - (Age 12 & above before January 1, of the current year)

F501004. **JUNIOR DIVISION** - (Age 8-11, before January 1, of the current year)

#### LIVESTOCK JUDGING

This contest will be held on Saturday, July 20, 30 minutes following the Beef Show in the livestock arena at the Nance County Fairgrounds.

F501006. **SENIOR DIVISION** - (Age 12 & above before January 1, of the current year)

F501007. **JUNIOR DIVISION** - (Age 8-11, before January 1, of the current year)

#### **HORSE JUDGING**

The Horse Judging Contest will be held on Saturday, July 6, at 8:00 a.m. in the horse arena at the Boone County Fairgrounds in Albion.

F501008. **SENIOR DIVISION** - (Age 12 & above before January 1, of the current year)

F501009. JUNIOR DIVISION - (Age 11 & under before January 1, of the current year)

#### TRACTOR OPERATORS CONTEST

This contest will be held on Sunday, June 9, 1:00 p.m., at the Boone County Fairgrounds in Albion. The contest will be conducted according to the rules set forth in the "Nebraska 4-H Tractor Operator's Contest," (EC7-56-77). Ribbons will be awarded by purple, blue, red and white groups. First and second winners in the Senior Division are eligible to compete in state competition.

F501010. **SENIOR DIVISION** - (Individuals age 14 & above before January 1, of the current year)

F501011. JUNIOR DIVISION - (Individuals age 12 or 13 before January 1, of the current year)

#### **ATV CONTEST**

This contest will be held Sunday, June 9 at the Boone County Fairgrounds in Albion.

F501012. **SENIOR DIVISION** - (Individuals age 14 & above before January 1, of the current year)

F501013. JUNIOR DIVISION - (Individuals age 11-13 before January 1, of the current year)

#### **State Fair Contests**

More information about these contests can be found online.

PASE/Life Challenge - https://4h.unl.edu/pase-life-challenge

Culinary Challenge Contest - 4h.unl.edu/fairbook/general/rules

Horticulture ID - https://go.unl.edu/ne4hhorticultureidcontest

Insect ID - https://4h.unl.edu/fairbook/contests/insect-id

Weed and Grass ID - http://go.unl.edu/ne4hgrassweedidcontest

Tree ID - <a href="https://go.unl.edu/ne4htreeidcontest">https://go.unl.edu/ne4htreeidcontest</a>

#### **DEPARTMENT CLOVER KIDS**

Participation ribbons ONLY will be awarded.

#### **DIVISION 100 - FAMILY CELEBRATIONS AROUND THE WORLD**

- I100001. **COLLAGE -** 14" x 22" Make a collage with pictures of families, including activities children and families do together. Include picture of families from different cultures and races.
- 1100002. **POSTER** 14" x 22" Illustrate a family celebration that a country, other than the U.S. celebrates.
- 1100003. INDIAN RAKHI BRACELET
- 1100004. MEXICAN PINATA
- I100005. A SNACK from "Around the World" manual. Include the recipe.
- I100006. **OTHER** Other exhibit relating to another country, culture, or heritage.

#### **DIVISION 200 - THEATRE ARTS 1 - PLAY THE ROLE**

- 1200001. CREATE A SIMPLE PUPPET Write down a short story for your puppet to act out.
- 1200002. CREATE A PICTURE STORY Illustrate a problem and how the characters solve the problem.
- I200003. POSTER Acting Out My Feelings (14" x 22")
- 1200004. **OTHER** Other exhibit relating to Theatre Arts.

#### **DIVISION 225 - POSTERS**

- I225001. POSTER (14X22) Make a poster using the fair theme "Discover Your Spark in Nebraska 4-H"
- 1225002. POSTER (14X22) Make a poster promoting 4-H

#### **DIVISION 325 - A SPACE FOR ME**

- 1325001. TREASURE BOARD
- 1325002. DECOUPAGE PAPER MACHE BOX OR ICE CREAM BUCKET
- 1325003. SHOE BOX W/PHOTO LABEL
- 1325004. POTATO CHIP PENCIL HOLDER
- 1325005. CHEESE BOX CONTAINER
- 1325006. VINTAGE SUITCASE STORAGE
- 1325007. **NO-SEW PILLOW**
- 1325008. **COAT HOOKS**
- 1325009. LAUNDRY BAG OR BOX
- 1325010. DRAFT STOPPER
- 1325011. RECYCLING BUCKET FOR POP/SODA CANS
- 1325012. RECYCLING CONTAINER FOR NEWSPAPERS
- 1325013. PAINT A CONTAINER
- 1325014. PIZZA COLOR WHEEL
- 1325015. PAINT A PICTURE
- 1325016. SWIRL PAINTING
- 1325017. SPONGE PAINT
- 1325018. DECORATE A PICTURE FRAME
- **1325019. TINT TO SHADE**
- I325020. LEGO Make an item for your home using Lego's (can be free build or kit)
- I325021. OTHER INDOOR Other project made or decorated used in the home.
- I325022. OTHER OUTDOOR Other project made or decorated for the outdoors.

#### **DIVISION 400 - MAKING FOODS FOR ME**

- 1400001. **POSTER OR ACTIVITY -** Develop a poster (maximum size 14" x 22") or create an activity involving one of the following areas: hand washing, kitchen utensils, manners, kitchen or food safety.
- 1400002. **RAINBOW OF FRUITS OR VEGGIES** Make a collage from photos you have taken or pictures from maga zines that include colors of fruits and vegetables of the rainbow. (page 10)
- I400003. MY PLATE Use the My Plate on pages 12-13 or create your own My Plate on a poster (14" x 22")
- I400004. **GRAINS** Make a simple snack using foods from the grain group. The snack can include other food groups, but the majority of the snack should incorporate grains.
- I400005. **DAIRY** Draw a picture (8-1/2" x 11") or have someone take a photo of you, your friends or family enjoying dairy products.
- I400006. **PROTEIN** Create a game or activity connecting foods in the protein group with their source/origin. (Ex: beef animal steak)

- I400007. **COMBINATION** Draw a picture (8-1/2" x 11") or create your favorite combination food. (Ex: playdoh, clay, felt. etc. food)
- 1400008. **PHYSICAL FITNESS** Poster or other item made to show ways families can participate in healthy lifestyles by being physically active.
- I400009. FRAMED PHOTO/PHOTO POSTER Have someone take a photo of you exhibiting a healthy behavior.

#### **DIVISION 404 - CAKE DECORATING**

- I404001. **DECORATE A PRE-MADE COOKIE** One pre-made cookie using any simple decorating technique. Edible foods, fruit or candy may be used to decorate.
- 1404002. **DECORATE A PRE-MADE CUPCAKE** One pre-made cupcake using any simple decorating technique. Edible foods, fruit or candy may be used to decorate.

#### **DIVISION 405 - CANDY MAKING**

1405001. **NO-COOK** - Display 2 pieces on a small plate, with recipe under plate, enclosed in a plastic bag.

#### **DIVISION 500 - CLUB, CAMP, OR WORKSHOP EXHIBITS**

Exhibits made during organized club meetings or at a 4-H sponsored camp, workshop, or spring quarantine opportunity that do not fit in another category. Parents, please help by attaching a note card with a short description of project and how it was completed.

- 1500001. CLUB PROJECT EXHIBIT
- 1500002. CLUB PROJECT EXHIBIT
- 1500003. CAMP OR WORKSHOP EXHIBIT
- 1500004. CAMP OR WORKSHOP EXHIBIT
- 1500005. **GRAB & GO EXHIBIT**

#### **DIVISION 501 - BEYOND THE NEEDLE**

Exhibits will be judged on Tuesday, July 16. The Fashion Show begins at 9:00 a.m. If you are not modeling, bring your decorated garment to the Extension office no later than 4:30 p.m. on Friday, July 5. Please also have an identification label attached to the garment stating name, age, and project class.

- 1501001. DECORATE A WEARABLE CLOTHING GARMENT
- 1501002. DECORATE A WEARABLE CLOTHING ACCESSORY
- 1501003. FASHION SHOW- Model Decorated Garment
- 1501004. FASHION SHOW- Model a Wearable Clothing Accessory
- 1501005. OTHER Other item related to the Beyond the Needle Area

#### **DIVISION 525 - MISCELLAENOUS/FAIR THEME**

- I525001. COLLAGE/PICTURE Make a collage or draw a picture using the fair theme, "4-H is a Feeling"
- **I525002. ARTICLE FOR INSIDE THE HOME –** A simple 1, 2, or 3-dimensional item made relating to the fair theme, **"4-H is a Feeling"**

#### **DIVISION 600 - ANIMAL SCIENCE**

- I600001. POSTER 14" x 22" Example: Animals, foods for animals, create a critter, planning and caring for a farm animal, identify animal feeds, jobs working with animals, identify animal body parts, safe behavior around animals, etc.
- 1600002. SCRAPBOOK Combine above categories
- 1600003. **DISPLAY** One of the projects from the challenges section of the manual. Example: an animal products mobile, critters made from parts of animals, etc.
- 1600004. LIVE ANIMAL SMALL PET Exhibit your favorite small pet at the Small Animal Show, Sunday, July 23.
- I600005. LIVE ANIMAL SMALL PET Exhibit your favorite small pet at the Small Animal Show, Sunday, July 23
- 1600006. **HOMEMADE PET** Construct a homemade pet using materials found around your home (ex. pool noodle horse, 2 liter bottle pig, etc.).
- 1600007. OTHER Other animal exhibit (non-live animal). Ex. poster, scrapbook or other item.
- 1600008. CLOVER KID BUCKET CALF Must be a 4-H Member & enrolled in the bucket calf project.
  - Age Clover Kid youth who turn 6-8 years of age before January 1 of the current calendar year.
  - Participation ribbon only no record book required.
  - See Bucket Calf Rules Section on page 74.

#### **DIVISION 700 - JUST OUTSIDE THE DOOR**

- 1700001. POSTER 14" x 22" Describing one of the topic activities
- 1700002. **DISPLAY** An arts and craft project from one topic. Example: bugs, weather, boats.
- 1700003. NATURE Make a nature bracelet or collage of nature materials.
- 1700004. **FRAME** Decorate a frame using items found in nature.
- 1700005. OTHER Other item from nature materials.

#### **DIVISION 701 - SPECIAL GARDENING PROJECT**

- 1701001. **FRESH CUT FLOWERS OR HARVESTED VEGETABLES** the current years' Special Gardening Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if Special Gardening Project is a fresh cut flower (SF106). Refer to classes 201-252 for quantity to exhibit if Special Gardening Project is a vegetable (SF108).
- I701002. **PICTURE/PHOTOGRAPH** This class is up to you, as long as it includes the Special Garden Project and what you learned! Please include an 8" x 10" picture/photo mounted on 14" x 22" poster board with a caption.
- 1701003. **SHORT STORY -** Tell a story about your first experience with the Special Garden Project growing, picking or eating the pods or flowers. Be sure to include a picture(s)/photograph(s).
- 1701004. CHOICE Your choice of a project, but be sure it includes something about the Special Garden Project.

#### **DIVISION 730 - AEROSPACE LEVEL 1**

- 1730001. MAKE A "SPACE HELMET" Instructions are in the manual.
- 1730002. **BUILD A CANDY ROCKET Instructions are in the manual.**
- I730003. **SPACE BUGGY** Design and make a spacecraft from household items or items that could be re-used instead of being thrown away. Materials list: scissors, glue, assorted clean household materials such as paper towel tubes, tissue boxes, plastic bottles, etc. Draw a picture design of your buggy on a sheet of paper. On another separate sheet of paper briefly explain the job/jobs your space buggy can do.
- I730004. **SPACE STATION** Draw a design of what you think an International Space Station of the future might look like. Using household items build a model of that station. On a sheet of paper briefly describe how scientist would use your Space Station.
- 1730005. HOMEMADE ROCKET
- 1730006. OTHER SPACE EXHIBIT

#### **DIVISION 800 - BICYCLE ADVENTURES**

- I800001. **BICYCLE SAFETY POSTER** 14" x 22" either vertical or horizontal arrangement. May be in any medium watercolor, ink, crayon, etc., so long as it is not three-dimensional.
- 1800002. OTHER Share with others what you learned in the project. Exhibit may be a notebook or display.

#### **DIVISION 901 - CONTESTS**

- I901001. FAVORITE FOODS REVUE Thursday, June 27, following table set up at 5:00 pm
- 1901002. TALENT CONTEST Thursday, June 27, Fullerton Public Schools
- 1901003. COMMUNICATIONS May 8, at 6:30 p.m. Nance County Extension Office
- 1901004. HORTICULTURE JUDGING Tuesday, July 16, 10:00 a.m. 1:00 p.m., Nance County Fairgrounds
- 1901005. PRESENTATIONS Thursday, June 27, 7:00 p.m. Fullerton Public Schools
- 1901006. LIVESTOCK JUDGING Saturday, July 20, 30 minutes following the Beef Show (approx.. 2 p.m.),

\*\*\*Nance County Fairgrounds, Fullerton.

#### **DEPARTMENT CITIZENSHIP**

#### **DIVISION 120 - CITIZENSHIP**

PREMIUMS: Purple- \$3.50, Blue -\$3.00, Red- \$2.50, White- \$1.50

#### RULES

- 1. Exhibits are entered at 4-H'ers own risk. We will not be responsible for loss or damage to family heirloom items or any items in this division.
- **2.** Displays should not be larger than 22" <u>inches</u> x 28" <u>inches</u> wide. If the size needs to be a different size because the item is larger than 22" <u>inches</u> x 28" <u>inches</u> please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22" <u>inches</u> x 28" <u>inches</u>.
- Purpose: 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.
- **Supporting Material**: All entries must have a statement explaining the purpose of the exhibit. How the exhibit will be used. Exhibitors are encouraged to show evidence of their personal experiences, study or observations that relate to their exhibit. This helps the judges understand what the 4-Her did and learned in the process that led to the exhibit.
- References: All exhibitors should reference material sources or supporting information used in exhibits (i.e. if questions from a game were taken from an outside source, they must be referenced).
- Identification: All entries should be labeled with the exhibitor's name, club and county.
- A120001.\* **CARE PACKAGE DISPLAY -** This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, Power Point or another multi-media program to tell about the PROCESS of developing and giving a care package to a service organization. You need to answer the following questions in your exhibit:
  - How did you select the organization?
  - What items did you include in your care package?
  - Why did you select those items?
  - How did it feel to present your care pack to the organization?
  - What did you learn from this experience?
  - Other information that you feel is important about the care package or organization.

Some examples of care packages are: Backpack for school supplies, litter pan for animal shelter items, suitcase for abuse shelter or homeless shelter, etc. SF183

- A120002.\* **CITIZENSHIP GAME** which could include, but is not limited to symbol flash cards, question and answer board or stimulation with props. Clear instructions on how to play the game and what the game hopes to accomplish must be included. SF183
- A120003.\* PATRIOTIC OR CULTURAL FINE ARTS can be made of any art media but should tie in the relevance of the artwork to citizenship. SF183
- A120004.\* **PUBLIC ADVENTURE SCRAPBOOK** should describe your Public Adventure or Service Learning Activity. Scrapbooks must measure no more than 16" x 16". SF183
- A120005.\* **PUBLIC ADVENTURE POSTER** should describe your Public Adventure or Service Learning Activity. Display posters must be stiff enough to stand when supported from behind and below. Length and width must be no more than 24" x 28". SF183
- A120006.\* **WRITTEN OR RECORDED STAKEHOLDER INTERVIEW** should follow the outline found in the Public Adventures Curriculum. It may be written or recorded. Recordings should be saved as a .wav or .mp3 file; a USB/thumb drive will be accepted.
- A120007.\* **WRITTEN CITIZENSHIP ESSAY** is designed to promote good citizenship and patriotism. This essay is open to all age groups. All essays should be 300 400 typewritten words. SF183
- A120008.\* For 9th-12th Graders Only: ORAL CITIZENSHIP ESSAY addressing the theme "Freedom's Obligations" should be 3-5 minutes. No background music, singing or other enhancement allowed. All essays should be saved as a .wav or mp3 file; a USB/thumb drive will be accepted. Voice tone should be normal and conversational. A copy of the written essay should be attached. SF183
- A120009.\* **SERVICE ITEMS** can include but aren't limited to lap quilt, Quilt of Valor and homemade toys. Only non-perishable items will be accepted. Attached to the exhibit should be an explanation of who the recipient was and how the service project was made and used. The service item could be part of a larger community service effort. SF183
- A120010.\* **4-H CLUB EXHIBIT** should depict what a 4-H club has done in the area of community service. This item could include, but is not limited to, a service item, poster, scrapbook, cultural or creative arts item or care package, Quilt of Valor.
- A120011. **MISCELLANEOUS PATRIOTIC EXHIBIT** Can be any exhibit made or completed by the 4-H member. Exhibits must include written documentation/explanation of the exhibit. SF183

#### **DIVISION 130 – SEEING 121**

- A130001.\* **CULTURAL FINE ARTS** can be made of any art media but should symbolize what makes them unique.
- A130002.\* **HOW ARE WE DIFFERENT?** Interview should follow the interview guide in the participant manual on page 3 and should reflect on the differences and similarities between you and the person you are interviewing.
- A130003.\* **NAME ART** should be a creative art exhibit that symbolizes or explains where your name came from and what it means. Can use any media.
- A130004.\* **FAMILY HISTORY** depicting your family cultural history or the ethnic make-up of your community noting who were the first settlers, where did they come from, is there evidence of the background today (local celebrations, family celebrations, museum or educational displays, historical markers, etc.)
- A130005.\* **EXHIBIT DEPICTING A CULTURE FOOD** depicting a cultural food that is special to your family. Can be a story or essay.
- A130006.\* "THIS IS WHO I AM"- poem.
- A130007.\* POSTER that depicts what you have learned through the i2i Project.
- A130008.\* **BIOGRAPHY** about an historical figure that has made a positive impact on our society or who have made a difference in the lives of others.
- A130009.\* PLAY SCRIPT written about a different culture.

#### **DEPARTMENT HERITAGE**

PREMIUMS: Purple-\$3.50, Blue-\$3.00, Red-\$2.50, White-\$1.50

- Please note: Exhibits entered at 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. STATE FAIR—If the size needs to be a different size because the historical item is larger than 22" x 28", please contact the superintendents for approval.
- Display collections securely in an attractive container no larger than 22" x 28".
   Exhibits must include: NAME, COUNTY, AGE & PAST EXPERIENCE (years in Explore Your Heritage) on back of exhibit.
- All entries must have documentation included.

#### **DIVISION 101 - LEVEL I: BEGINNING**

- A101001.\* **HERITAGE POSTER OR FLAT EXHIBIT** Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation. SF71
- A101002.\* **FAMILY GENEALOGY/HISTORY NOTEBOOK** Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work. SF71
- A101003.\* LOCAL HISTORY SCRAPBOOK/NOTEBOOK Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage. SF71
- A101004.\* **FRAMED FAMILY GROUPINGS (OR INDIVIDUALS)** of pictures showing family history. Pictures must be supported by a written explanation. SF71
- A101005.\* OTHER EXHIBITS depicting the heritage of the member's family or community. Exhibit must be supported by a written explanation. May include, biographical album of themselves or another family member, family cookbooks, etc. SF71
- A101006.\* **4-H HISTORY SCRAPBOOK A scrapbook relating 4-H history of local club or county.** Must be work of individual 4-Her no club projects. If multiple books included in exhibit, only bring book with most current year's work. SF71
- A101007.\* 4-H HISTORY POSTER Poster relating 4-H history of local club or county or individual. SF71
- A101008.\* STORY OR ILLUSTRATION about a historical event. SF71
- A101009.\* BOOK REVIEW about local, Nebraska or regional history. SF71
- A101010.\* OTHER HISTORICAL EXHIBITS attach an explanation of historical importance. SF71
- A101011.\* FAMILY TRADITIONS BOOK Exhibitor scrapbook depicting family traditions of the past. SF71
- A101012.\* **FAMILY TRADITIONS EXHIBIT** Story or illustration of a family tradition or event. Exhibits must be supported by a written explanation. SF71
- A101013.\* **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. SF71
- A101014.\* **4-H MEMBER SCRAPBOOK** Scrapbook relating to individual 4-H member's 4-H history. If multiple books included in exhibit, only bring book with most current year's work. SF71
- A101015.\* **SPECIAL EVENTS SCRAPBOOK** A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.
- A101016. **4-H MEMBER THEMED SCRAPBOOK** (ex. My Family, My Friends, My 4th Grade Year) SF71

#### **DIVISION 102 - LEVEL II: ADVANCED**

- A102001.\* HERITAGE POSTER OR FLAT EXHIBIT- Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation. SF71
- 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. SF71
- A102003.\* LOCAL HISTORY SCRAPBOOK/NOTEBOOK Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage. SF71
- A102004.\* FRAMED FAMILY GROUPINGS (OR INDIVIDUALS) of pictures showing family history. Pictures must be supported by a written explanation. SF71
- A102005.\* OTHER EXHIBITS depicting the heritage of the member's family or community. Exhibit must be supported by a written explanation. May include, biographical album of themselves or another family member, family cookbooks, etc. SF71
- A102006.\* 4-H HISTORY SCRAPBOOK Scrapbook relating 4-H history of local club or county. Must be work of individual 4-Her - no club projects. If multiple books included in exhibit, only bring book with most current year's work. SF71
- A102007.\* 4-H HISTORY POSTER Poster relating 4-H history of local club or county or individual. SF71
- A102008.\* STORY OR ILLUSTRATION about a historical event. SF71 A102009.\* BOOK REVIEW about local, Nebraska or regional history. SF71
- A102010.\* OTHER HISTORICAL EXHIBITS attach an explanation of historical importance. SF71
- A102011.\* EXHIBIT depicting the importance of a community, or Nebraska historic landmark. SF71
- A102012.\* COMMUNITY REPORT documenting something of historical significance from past to present. SF71
- A102013.\* HISTORIC COLLECTION (displayed securely and attractively in a container no larger than 22" x 28").
- A102014.\* VIDEO/DVD OR SLIDE/TAPE DOCUMENTARY of a family or a community event. Must be produced and edited by 4-H member. SF71
- A102015.\* 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. SF71
- A102016.\* 4-H MEMBER SCRAPBOOK - Scrapbook relating to individual 4-H member's 4-H history. If multiple books included in exhibit, only bring book with most current year's work. SF71
- A102017.\* SPECIAL EVENTS SCRAPBOOK - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc. SF71
- A102018. 4-H MEMBER THEMED SCRAPBOOK (ex. My Family, My Friends, My 4th Grade Year) SF71

#### **DEPARTMENT PHOTOGRAPHY**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

#### **GENERAL PHOTOGRAPHY RULES**

- 4-H members are allowed to exhibit in only **ONE PHOTOGRAPHY LEVEL**.
- Entry Tags: Entry Tag must be securely attached to the upper right hand corner of the exhibit.
- An image may only be used on one exhibit with the exception of the Portfolio which may include images in other classes.
- Cameras: Photos may be taken with any type of film or digital camera, including phone tablets, and drones.
- Photos must be shot by the 4-H member during the current project year with the exception of Portfolios which may include images captured and/or exhibited in previous years...
- 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.
- 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 8.5x11 three-ring binder or similar book format. Recommended photo size is 8x10. 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.
- Display Exhibits At State Fair, display exhibits are only accepted in Level II. Displays consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or mat board. Incorrect sizes will not be accepted. No foam board backing should be used. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distract from the overall display. No titles, captions, or stick-on numbers will be allowed. Photos may be mounted vertically or horizontally. Appropriate Data Tags are required.

- **Print Exhibits** Print exhibits must be 8x10 prints mounted in 11x14 (outside size) cut matting with a sandwich mat board backing. Incorrect sizes will not be accepted. No foam board should be used for matting or backing. Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames are allowed. Appropriate data tags are required (see rule regarding Data Tags).
- Entry Tag: Entry tags should be securely attached to the upper right-hand corner of the exhibit.
- 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 outlined below. Data tags should be securely attached to the back of the exhibit. Current data tags and help sheet are available at <a href="https://unl.box.com/v/4h-photography">https://unl.box.com/v/4h-photography</a>
  - A. Level 2 Prints All Level 2 prints must have a Level 2 Data Tag.
  - B. **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.
  - C. Level 3 Prints All Level 3 prints must have a Level 3 Data Tag.
  - D. Level 3 Challenging Exhibits Level 3 Challenging Exhibits must have one Level 3 Data Tag.
  - E. Level 3 Prints All Level 3 prints must have a Level 3 Data Tag.
- On Campus Exhibition Selection (State Fair) Level 2 and Level 3 prints exhibited at State Fair may be selected special on-campus exhibitions. Selected prints will be collected at the end of State Fair and will be returned to county Extension office after the completion of their on-campus exhibition.
- Exhibits not following these rules will receive a participation ribbon.

Scoresheets, forms, contest study materials, and additional resources can be found at: https://go.unl.edu/ne4h-photography

#### **FOCUSING ON PHOTOGRAPHY: LEVEL 1 GUIDELINES**

#### A. Level 1 Picture Displays:

- Three 4"x6" photos mounted on a single horizontal 11" x 14" black (preferred) or white poster or matting board.
- Every photo on picture display must be **pencil** numbered (no. 2 lead pencil) below (for judge's reference only).
   Numbers should be readable but not detract from display.
- No titles, captions, or stick-on numbers will be allowed.
- Photos must be mounted vertically or horizontally.

#### B. Level 1 Photo Journal

- Choose project area 1, 2, 3 or 4 in the Level 1 project manual titled "Focus on Photography".
- Complete the pages associated with the project area of your choice (project 1, 2, 3, or 4) or recreate and print the pages (still using actual photos).
- Place pages in an 8-1/2" x 11" black or white 3 ring binder.
- Personal Data Tags are required (See General Rules). For your journal complete Part A only and include this
  as page one of your journal.

#### **DIVISION 180 - LEVEL 1: FOCUS ON PHOTOGRAPHY**

- B180001. **FUN WITH SHADOWS DISPLAY** Photos should capture interesting or creative us of shadows. (Activity 4) Scoresheet SF86
- B180002. **GET IN CLOSE DISPLAY** Photo should capture a close-up view of the subject or object. (Activity 8) Scoresheet SF86
- B180003. **BIRD'S OR BUG'S EYE VIEW DISPLAY** Photo should capture an interesting viewpoint of a subject either from above (bird's eye view) or below (bug's eye view). (Activity 10) Scoresheet SF86
- B180004. **TRICKS AND MAGIC DISPLAY** Photos should capture visual trickery or magic. Trick photography re quires creative compositions of objects in space and are intended to trick the person viewing the photo. For example, if someone is standing in front of a flower pot, the pot might not be visible in the image, making it look as if the flowers are growing out of the person's head. (Activity 11) Scoresheet SF86
- B180005. **PEOPLE, PLACES, OR PETS WITH PERSONALITY DISPLAY OR PRINT** Photos should have a strong focal point, which could be people, places, or pets. Photos should capture the subject's personality or chacacter. Photos may be posed or un-posed. (Activity 13) Scoresheet SF86
- B180006. **BLACK AND WHITE DISPLAY OR PRINT** Photos should create interest without the use of color. Photos should show strong contrast and/or textures. Photos may be captured in black and white or captured in color and edited to black and white. (Activity 15) SF86
- B180007. **CHALLENGING PHOTO EXHIBIT: TELLING A STORY DISPLAY** Exhibit will include three photos which tell a story without words. Photos may show something being created, destroyed, consumed, moving, or growing. Photos should capture the beginning, middle, and end of a single story, project, or event. (Activity 14) SF86.
- B180008. **PHOTO GIFT** Create a gift using photo(s) you have taken. For example: calendar, coasters, quilt, blanket, mug, candle holder, etc. Only the photos must be your work; you may send them off to have someone else construct the gift. SF86

- B180009. **RAINBOW WALK** Take a walk, and look for something red, orange, yellow, green blue, and purple. Keep going through the colors, in order, until the end of your walk. Bring a camera and take a photo of at least one image with each color. Write in a journal about the things you noticed and how they made your feel. Entry can be a photo album, poster board, or other creative way to display your photos. Include one photo of each of the different colors of the rainbow (six photos) and include your journal page. Photos can vary in size. SF86
- B180010. **PICK-A-SOMETHING** Pick something and try to get a collection of photos representing it. For instance, pick a color and try to go all day photographing only red things, or try only getting pictures of things that are square when you're on a walk. Entry can be a photo album, poster board, or other creative way to display your photos. Try and include at least 6 different photos of the item of your choice. Photos can vary in size. SF86
- B180011. **SELFIES** Compose a variety of selfies. Entry can be a photo album, poster board, or other creative way to display your photos. Try and include at least 6 different photos of selfies of your choice. Photos can vary in size. SF86

#### **DIVISION 181 - LEVEL 2: NEXT LEVEL PHOTOGRAPHY**

- B181010\* **LEVEL 2 PORTFOLIO** Level 2 portfolios should represent the photographer's best work and must include 5-7 different images from the 4-H member's photography career. At least 2 images must have been taken during the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 2 classes during the same year. Portfolios must include: 1) 1-page max bio, 2) table of contents, 3) year each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each image. When writing reflections, youth should focus on what new photography techniques they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image. (SF87)
- B181020\* CREATIVE TECHNIQUES & LIGHTING DISPLAY OR PRINT- Photos should capture a creative use of lighting, such as diffused lighting, backlighting, or hard lighting, reflections, or another lighting technique covered in Book 2 Next Level Photography (Activity 3, 4, 5) (SF87)
- B181030\* COMPOSITION DISPLAY OR PRINT Entry will consist of 3 completely different views or angles of the same subject or a print that illustrates one of the following composition lessons in the Level 2 Project Manual (Rule of Thirds, The Golden Photo, Space Tells the Story, Spaced Tells the Story, Building a Photo, and Capture a Candid Photo. SF87.(Controlling the Image, p. 34-53). (SF87)
- B181040\* ABSTRACT PHOTOGRAPHY DISPLAY OR PRINT Photos should be abstract or capture a small piece of a larger subject. Abstract photos may not look like anything in particular but should be able to capture a viewer's attention. (Activity 11) (SF87)
- B181050\* CANDID PHOTOGRAPHY DISPLAY OR PRINT Candid photos should capture a special moment or meaningful interaction. Photos should be un-posed. (Activity 10) (SF87)
- B181060\* **EXPRESSION THROUGH COLOR DISPLAY OR PRINT** Photos should capture a creative use of color or a color scheme, such as complimentary, contrasting, monochromatic, warm, cool, primary, secondary, or tertiary. (Activity 13) (SF87)

**RULES**: 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.

#### **DIVISION 182 - LEVEL 3: MASTERING PHOTOGRAPHY**

- B182010.\* **LEVEL 3 PORTFOLIO** Level 3 portfolios should represent the photographer's best work. Level 3 portfolios must include 9-11 images from the 4-H member's photography career. At least 3 images should be from the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited. Portfolios may include photos which are exhibited in other Level 3 classes during the same year. Portfolios must include: 1) 1-page max bio, 2) table of con tents, 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. (SF89)
- B182020.\* **ADVANCED TECHNIQUES & LIGHTING PRINT** Photos should show an experimentation or exploration of advanced lighting, such as low-light or silhouette photography or another advanced photography tech nique, such as astrophotography, underwater photography, or infrared photography. (Activity 3, 4, 5, or 12)
- B182030.\* ADVANCED COMPOSITION PRINT Photos should show advanced compositions, such as using diago nal, horizontal, or vertical lines or repeating shapes to frame a subject or lead the viewers eye through a scene; breaking the rule of thirds to compose a discordant image; or another advanced composition tech nique covered in Book 3 Mastering Photography (Activity 6, 7) (SF89)
- B182040.\* **PORTRAIT PRINT** A great portrait captures not only a person's physical image, but also something of the person's character or personality. Photos may be either formal or informal, but must be of one or more human subjects. (Activity 9) (SF89)

- B182050.\* **STILL LIFE PRINT** Photos should capture non-moving objects that have been arranged in an interesting way. Photos should demonstrate advanced control over lighting and composition. (Activity 8) (SF89)
- B182060.\* FREEZE/BLUR THE MOMENT PRINT Photos should capture a subject in motion. Photographers should adjust shutter speed to either freeze or blue the movement. (Activity 11) (SF89)

**RULES:** 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.

#### DEPARTMENT MISCELLANEOUS, CAMP, CLUB OR DIGITAL LEARNING

#### **DIVISION 157 - MISCELLANEOUS PROJECTS & 2024 COUNTY THEME**

PREMIUMS: Purple-\$3.50, Blue-\$3.00, Red-\$2.50, White-\$1.50

- In the miscellaneous project area, exhibitors may use whatever means is most effective in showing what they have accomplished in making the article. Items can include photographs, slides, posters, charts, drawings, articles, etc. The exhibit should include sufficient explanation (supporting documentation) so that viewers understand how exhibit was made. All exhibits that are hangable must have a secure wire hanger.
- Attach a 4" x 6" card or 8 1/2" x 11" sheet of paper stating the technique or process used and the date/location of the workshop where item(s) were completed.
- B157001. **ARTICLE WITH BRIEF DESCRIPTION (CATCH ALL)** Open to 4-H projects that do not have specific sections and classes where articles made in the project can be exhibited. Include supporting documentation.
- B157002. **ARTICLE WITH BRIEF DESCRIPTION (CATCH ALL)** Open to 4-H projects that do not have specific sections and classes where articles made in the project can be exhibited. Include supporting documentation.
- B157003. **ARTICLE FOR INSIDE THE HOME -** One, Two or Three dimensional item made relating to the Theme, "Discover Your Spark in Nebraska 4-H" Include supporting documentation.
- B157004. **#INSPIRING4H- ARTICLE SHOWING YOUR 4-H SPIRIT** Can be an item used to promote 4-H, a Selfie picture of you and a friend wearing a 4-H t-shirt or more! Include supporting documentation.
- B157005. POSTER Make a poster using the 2024 fair theme, "4-H is a Feeling"
- B157006. **OTHER -** Other item using the 2024 4-H Theme.

#### DIVISION 158 - CAMP/LIBRARY/AFTER SCHOOL OR COUNTY WORKSHOP EXHIBITS

PREMIUMS: Purple-\$3.00, Blue-\$2.00, Red-\$1.50, White-\$1.00

- 4-H'ers who attend a camp, club workshop, county workshop, or afterschool program may enter any items they have
  made at the event, or made using skills learned in the current year.
- Items made at these events may also be entered in other project divisions if they fit the classes.
- Include a brief description on a 4"x 6" card stating camp or workshop where the exhibit was made and technique/process used.
- B158001. CAMP OR COUNTY WORKSHOP EXHIBIT
- B158002. **CAMP OR COUNTY WORKSHOP EXHIBIT**
- B158003. AFTER SCHOOL OR CLUB PROJECT EXHIBIT
- B158004. AFTER SCHOOL OR CLUB PROJECT EXHIBIT
- B158005. LIBRARY/SUMMER READING PROGRAM EXHIBIT
- B158006. LIBRARY/SUMMER READING PROGRAM EXHIBIT
- B158007. DIGITAL LEARNING, 4-H GRAB & GO EXHIBIT, OR SCHOOL ENRICHMENT
- B158008. DIGITAL LEARNING, 4-H GRAB & GO EXHIBIT, OR SCHOOL ENRICHMENT

#### **DEPARTMENT HUMAN DEVELOPMENT**

PREMIUMS: Purple-\$4.00, Blue-\$3.50, Red-\$3.00, White-\$2.00

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

- All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- To learn characteristics of suitable and unsuitable toys and for characteristics of children at various stages of development, please refer to the new 4-H online resource: <a href="https://unl.app.box.com/s/">https://unl.app.box.com/s/</a>
   eoigrjsuq67yvtq1def160mmjuhozvck
   What it takes to be your Teen Babysitter. In addition another resource that will assist youth in understanding young children is the Nebraska Early Learning Guidelines <a href="https://www.education.ne.gov/OEC/elg.html">https://www.education.ne.gov/OEC/elg.html</a>
- 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. <a href="http://www.education.ne.gov/OEC/elg.html">http://www.education.ne.gov/OEC/elg.html</a>
- Premier 4-H Science Award is available in this area.

#### **DIVISION 200 - I HAVE WHAT IT TAKES TO BE A BABYSITTER**

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.

C200001.\* SOCIAL EMOTIONAL DEVELOPMENT (SF30)

C200002.\* LANGUAGE AND LITERACY DEVELOPMENT (SF30)

C200003.\* SCIENCE (SF30)

C200004.\* HEALTH AND PHYSICAL DEVELOPMENT (SF30)

C200005.\* MATH (SF30)

C200006.\* CREATIVE ARTS (SF30)

#### **INFORMATION SHEET:** Each exhibit in Classes 1-6 must include:

- Where did I get the idea for this exhibit?
- What decisions did I make to be sure exhibit is safe for child to use?
- What age is this toy, game or activity appropriate for and why? (Infant, Birth-18 months, Toddlers, 18 months-3 years, Preschoolers, 3-5 years or middle childhood, 6-9 years) 4-H'ers must give at least two examples that help in understanding the appropriateness of this exhibit for the age of the child (see project manuals).
- How is the toy, game or activity intended to be used by the child?
- C200007.\* **ACTIVITY WITH A YOUNGER CHILD -** Poster or scrapbook showing 4-H'er working with a child age 0-8 years. May show making something with the child, or child care or child interactions. May include photos, captions, story, or essay. Size of exhibit is your choice. Other people may take photos so 4-H'er can be in the photos. 4-H'er must make scrapbook or poster. No information sheet needed for this class. (SF115)
- C200008.\* **BABYSITTING KIT** Purpose of the 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. See The Sitter manual (4H266 revised 2002) for appropriate items to include. 4-H'er should make one or more items in the kit, but purchased items are also allowed. 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. (SF85)

#### INFORMATION SHEET: Each exhibit in Class 8 (babysitting kit) must include:

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

C200009.\* **FAMILY INVOLVEMENT ENTRY -** Scrapbook, poster or story describing an activity other family did together. It might include making something such as a doll house or feedbunk. 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. (SF115)

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

- C200010.\* **GROWING WITH OTHERS -** Scrapbook or poster. Examples: How to decide if it's time you can be home alone, and related activities. How responsibilities and privileges are related. Friendships. Working with others. Under standing 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. (SF115)
- C200011.\* **GROWING IN COMMUNITIES -** Scrapbook or poster. Examples: a career study. A photo story about your own growth and development, not only physically but emotionally, socially, spiritually, 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. (SF115)

#### **DEPARTMENT CLOTHING**

# Fashion Show and Clothing Judging will take place on Tuesday, July 16 - 9:30 a.m. at Nance County Fairgrounds

- All clothing exhibits, except Division 221 Beyond The Needle, must be interview judged. Exhibits will be entered at the time of your interview.
- ENTRY TAGS Every clothing exhibit must be described on the appropriate entry tag accompanying it, (for example: dark blue wool skirt and jacket, red and white figured blouse). Entry tag placement: as you look at the garment, place the entry tag securely using straight pins or safety pins on the right side of the garment and the hook of the hanger to the left.
- IDENTIFICATION LABELS-Each item entered as a clothing, knitting or crochet exhibit must have a label attached stating: County, Exhibitor's name and age, project name and class in which garment is entered, and the number of years enrolled in the project exhibited. Wool entries must have the fiber content listed on the identification label.
- Attach a label on every component of the outfit using safety pins or by basting. Not responsible for unlabeled items.
- PREPARATION OF EXHIBITS- Please bring all wearable exhibits on wire hangers or hangers with a swivel hook ONLY. All exhibits not suitable for hanging should be entered in a self-sealing plastic bag and <a href="https://hung.com/hung.co
- Garments as listed may be made for self (4-H member) or another person.
- 4-H'ers enrolled in clothing projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in STEAM Clothing 3, you are not eligible to exhibit in STEAM Clothing 2.
- CRITERIA FOR JUDGING Refer to the Nebraska 4-H website for current state fair scoresheets at www.4h.unl.edu.
   In addition, all entries must conform to rules and regulations as set forth in the current <u>Nebraska State Fair Book</u> <u>which can be found here https://4h.unl.edu/fairbook/general/rules</u>
- It will be acceptable to use the serger for any of the clothing projects; however, the use of serger machines is not recommended for use in the STEAM Clothing 1 projects. An exhibitor will not be judged on whether or not the serger was used, but rather on how appropriately and successfully it was used on the particular garment or item.
- STATE FAIR SPECIAL RECOGNITION: All garments and accessories will be considered for the juried "4-H Design Gallery" to be displayed at the Nebraska State Fair only.

#### **DIVISION 219 - STEAM CLOTHING 1 - FUNDAMENTALS**

PREMIUMS: Purple-\$3.00; Blue-\$2.00; Red-\$1.50; White-\$1.00

- Exhibits will be simple articles requiring minimal skills.
- Follow suggested skills in project manual.
- May exhibit one item per class number.
- 4-H'ers who have enrolled in or completed STEAM Clothing 2 project are not eligible to exhibit in STEAM Clothing 1.
- CLOTHING PORTFOLIO Complete at least three different samples/activities from Chapter 2 OR Chapter 3 of the project manual. The Portfolio should be placed in an 8 1/2" x 11", 3 ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated.) See pages 9-10 for portfolio formatting.
- SEWING KIT Include a list of sewing notions and purpose for each included. (pg. 12-17 in project manual) C219002. C219003. FABRIC TEXTILE SCRAPBOOK - Must include at least 5 different textile samples. Use Textile Information Cards template on page 41 in 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. See project manual for fabric suggestions.
- C219004. 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?" page 118-119. Exhibits should include pictures NO actual pillows.
- C219005. 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" page 124 and 125.

  PINCUSHION (SF50)

  PILLOWCASE (SF51)
- C219006. C219007.
- SIMPLE PILLOW No larger than 18" x 18". (SF53) C219008.
- **BAG/PURSE** No zippers or button holes. (SF49) **SIMPLE TOP** (SF28) C219009.
- C219010.
- C219011. **SIMPLE BOTTOM** – pants, shorts, or skirt (SF28)
- C219012. SIMPLE DRESS - (SF28)
- OTHER Using skills learned in project manual. (apron, vest, etc.) C219013.
- C219014. 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. (SF21)
- UPCYCLED ACCESSORY A wearable accessory made from a used item. The item used must be C219015. 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. (SF22)

#### **DIVISION 219 - MAKER'S GUIDE TO SEWING STUFF**

PREMIUMS: Purple-\$4.00; Blue-\$3.50; Red-\$3.00; White-\$2.00

- Exhibits will be simple articles guided by the Maker's Guide to Sewing Stuff (4H 2240).
- Follow suggested skills in project manual.
- May exhibit one item per class number.
- 4-H'ers enrolled in STEAM Clothing 1 and/or STEAM Clothing 2 projects are eligible to exhibit.
- C219016. **AMAZING APRON** (pg. 10)
- C219017. KITCHEN ACCESSORIES – Awesome Oven Mitt (pg. 16) OR A Mate for Your Plate (pg. 6).
- BAGGY BEANS GAME (pg. 22). C219018.
- COOL CRAYON ROLL (pg. 26). C219019.
- SNOOZY PILLOWCASE (pg. 34). C219020.
- C219021. CONTAIN YOUR STUFF - Mighty Wallet (pg. 38), Zippy Zipper Pouch (pg. 54) OR Binding Book Cover (pg.30).
- LLAMA'S PAJAMAS (pg. 42). C219022.
- **SWEET SEWING SUPPLIES** (pg. 46). C219023.
- C219024. **BIG, BAD BAG** – (pg. 50).
- C219025. ACCESSORIES - Stretchy Scrunchie (pg. 58), Handy Headband (pg. 62), OR Basic Belt x 2 (pg. 66).

#### **DIVISION 220 - GENERAL CLOTHING**

PREMIUMS: Purple-\$4.00; Blue-\$3.50; Red-\$3.00; White-\$2.00

- 4-H members in all skill levels may exhibit in this area.
- C220001\* **CLOTHING PORTFOLIO** Complete at least four different samples/activities from Chapters 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. SF20
- C220002\* **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. SF20
- C220003\* **SEWING FOR PROFIT** Using pages 161-167 in the STEAM Clothing 2: Simply Sewing project manual, display what products you posted online and analyze the cost of goods purchased to determine the appropriate selling price for your product. The exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30". SF63

#### **DIVISION 221 - BEYOND THE NEEDLE**

PREMIUMS: Purple-\$4.00; Blue-\$3.50; Red-\$3.00; White-\$2.00

- · 4-H members must show their own original creativity.
- C221001.\* **DESIGN PORTFOLIO** (SF20) 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.
- C221002.\* COLOR WHEEL (SF20) 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".
- C221003.\* **EMBELLISHED GARMENT WITH ORIGINAL DESIGN** (eligible for State Fair Fashion Show) SF26 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.
- C221004.\* ORIGINAL DESIGNED FABRIC YARDAGE SF27 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.
- C221005.\* ITEM CONSTRUCTED FROM ORIGINAL DESIGNED FABRIC (Only garments are eligible for State Fair Fashion Show) SF26 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 additional information is not included, exhibit will be lowered one ribbon placing.
- C221006.\* **TEXTILE ARTS GARMENT OR ACCESSORY** (Garment eligible for State Fair Fashion Show) SF25 A garment 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.
- C221007.\* **FASHION ACCESSORY** (Not eligible for State Fair Fashion Show SF23 An accessory designed and/or 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.
- C221008.\* **WEARABLE TECHNOLOGY GARMENT OR ACCESSORY** (Garment eligible for State Fair Fashion Show) SF33 Technology is integrated into the garment is some way (For example: LEDs, charging capabilities, sensors, and etc.) A Design Data Card must be included with this project. The data card is available at <a href="https://go.unl.edu/ne4hclothing">https://go.unl.edu/ne4hclothing</a>. If additional information is not included, exhibit will be lowered one ribbon placing.
- C221009. ADVANCED FASHION ACCESSORY (Not eligible for State Fair Fashion Show SF23 An accessory designed and/or constructed using elements and principles of design and advanced skills; can be textile or nontextile based. Examples: 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.

- C221011. **EMBELLISHED GARMENT** (Not eligible for State Fair Fashion Show SF26 Any surface embellishment that is applied to a purchased or constructed garment such as ribbon, lace, embroidery, appliqué, braid, buttons, fabric pieces. May use patterns or ideas from magazines. Commercial iron-on appliqués or any prepackaged item where the materials are predetermined by the manufacturer will not be accepted.
- C221012. **EMBELLISHED GARMENT WITH ORIGINAL DESIGN #2** (Not eligible for State Fair Fashion Show SF26 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.

#### **DIVISION 222 - STEAM CLOTHING 2 SIMPLY SEWING**

PREMIUMS: Purple-\$5.50; Blue-\$4.50; Red-\$4.00; White-\$3.00

- 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.
- C222001.\* **DESIGN BASICS, UNDERSTANDING DESIGN PRINCIPLES** SF20 4-H members 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".
- C222002.\* **PRESSING MATTERS** SF20 4-H members 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.
- C222003.\* UPCYCLED GARMENT (Eligible for State Fair Fashion Show) (SF28) Create a garment from used textile based items. The original used item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A Design Data Card must be included with this project including a "before" picture no larger than 4.25" inches x 5.5" inches. If additional information is not included, exhibit will be lowered one ribbon placing. A list of skills and the Design Data Card are available at <a href="https://go.unl.edu/ne4hclothing">https://go.unl.edu/ne4hclothing</a>.
- C222004. **UPCYCLED CLOTHING ACCESSORY** (not eligible for State Fair Fashion Show) SF23 A wearable access sory made from a used item. The original used item must be redesigned using skills learned in STEAM Clothing 2 (not just decorated) in some way to create a new wearable accessory. The finished garment must reflect at least one skill learned in this project. A Design Data Card must be included with this project include ing a "before" picture no larger than 4.25" inches x 5.5" inches. If additional information is not included, exhibit will be lowered one ribbon placing. A list of of skills by project and the Design Data Card are available at <a href="https://go.unl.edu/ne4hclothing">https://go.unl.edu/ne4hclothing</a>.
- C222005. **TEXTILE CLOTHING ACCESSORY** (not eligible for State Fair Fashion Show) SF22 Textile accessory is constructed using at least one skill learned in this project. 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.)
- C222006. TOP (not eligible for State Fair Fashion Show) SF28 (vest acceptable)
- C222007. BOTTOM (not eligible for State Fair Fashion Show) SF28 (pants or shorts)
- C222008. SKIRT (not eligible for State Fair Fashion Show) SF28
- C222009. LINED OR UNLINED JACKET (not eligible for State Fair Fashion Show) SF28
- C222010.\* **DRESS** (eligible for State Fair Fashion Show) SF28 (not formal wear)
- C222011.\* ROMPER OR JUMPSUIT (eligible for State Fair Fashion Show) SF28
- C222012.\* TWO-PIECE OUTFIT (eligible for State Fair Fashion Show) SF28
- C222013.\* ALTER YOUR PATTERN SF28 (eligible for State Fair Fashion Show in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit, or Two-piece Outfit) Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. *Include information sheet that describes:* 1) how the pattern was altered or changed; 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 2 include: moving darts, merging two patterns together, altering a pattern for a woven or knit material, adding a lining).
- C222014.\* GARMENT CONSTRUCTED FROM SUSTAINABLE OR UNCONVENTIONAL [natural or synthetic] FIBERS SF28 (Eligible for State Fair Fashion Show, in the class that best describes the type of garment constructed, i.e. Dress, Romper or Jumpsuit, or Two-piece Outfit) Fabric/Fibers used in this garment have to be manufactured/purchased, for example: bamboo, banana, corn husk, and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

#### **DIVISION 223 - STEAM CLOTHING 3 A STITCH FURTHER**

PREMIUMS: Purple-\$6.50; Blue-\$5.50; Red-\$4.50; White-\$3.50

- 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 complete constructed garments only. Wool entries must have the fiber content listed on the identification label.
- C223001.\* **UPCYCLED GARMENT** (not eligible for State Fair Fashion Show) Create a garment from used textile based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A "before" picture and a description of the redesign process must accompany the entry. SF21
- C223002.\* **UPCYCLED CLOTHING ACCESSORY** (not eligible for State Fair Fashion Show) A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A "before" picture and a description of the redesign process must accompany the entry. SF22
- C223003.\* **TEXTILE CLOTHING ACCESSORY** (not eligible for State Fair Fashion Show) Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 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.) SF23
- C223004.\* DRESS OR FORMAL (Eligible for State Fair Fashion Show) SF28.
- C223005.\* **SKIRTED COMBINATION** (Eligible for State Fair Fashion Show) (skirt with shirt, vest or jacket OR jumper and shirt) SF28
- C223006.\* PANTS OR SHORTS COMBINATION (Eligible for State Fair Fashion Show) SF28 (pants or shorts with shirt, vest or jacket)
- C223007.\* ROMPER OR JUMPSUIT (Eligible for State Fair Fashion Show) SF28
- C223008.\* SPECIALTY WEAR (Eligible for State Fair Fashion Show) SF28 (Includes: swimwear, costumes, hunting gear, or chaps)
- C223009.\* LINED or UNLINED JACKET (Eligible for State Fair Fashion Show) SF28 (non-tailored)
- C223010.\* COAT, BLAZER, SUIT JACKET or OUTERWEAR (Eligible for State Fair Fashion Show) A tailored blazer or suit jacket or coat. Wool entries must have the fiber content listed on the identification label to be considered for the *Make It With Wool* Award. SF29
- C223011.\* **ALTER YOUR PATTERN** SF31 (eligible for State Fair Fashion show if a complete outfit) 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 patter in STEAM 3 include: moving darts, adding a zipper, merging two patterns together, altering a pattern for a woven or knit material, adding a lining, designing your own pattern).
- C223012.\* GARMENT CONSTRUCTED FROM SUSTAINABLE OR UNCONVENTIONAL [NATURAL OR SYNTHETIC] FIBERS SF32 (eligible for State Fair Fashion show if a complete outfit) Fabric/Fibers used in this garment have to be manufactured/purchased, for example: bamboo, banana, corn husk, and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

#### **DEPARTMENT KNITTING & CROCHET**

PREMIUMS: Purple-\$4.00; Blue-\$3.50; Red-\$3.00; White-\$2.00

 Criteria for judging Knitting and Crochet: Design and Color, Neatness, Knitting Mechanics or Crochet Mechanics, Trimmings, and Construction Finishes

**INFORMATION SHEET FOR KNITTING:** Each knitted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

- 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)?
- What steps did you take as you worked toward your goal(s)?
- What were the most important things you learned as you worked toward your goal(s)?
- Gauge Number of rows per inch; number of stitches per inch.
- Size of needles, finger knitted, arm knitted, loom or machine knitted.
- Kind of yarn weight and fiber content.
- Names of stitches used.
- Copy of directions.

#### **DIVISION 224 - LEVEL 1 KNITTING & CROCHET**

- C224001. LEVEL 1 SLIPPERS Knitted items using simple pattern stitches such as knit & pearl. SF60
- C224002. **LEVEL 1 HEAD COVERING** Bands, Scarf, Hat Knitted items using simple pattern stitches such as knit & pearl. SF60
- C224003. LEVEL 1 MITTENS Knitted items using simple pattern stitches such as knit & pearl. SF60
- C224004. LEVEL 1 SIMPLE PILLOW Knitted items using simple pattern stitches such as knit & pearl. SF60
- C224005. LEVEL 1 DISH CLOTH/TOWEL Knitted items using simple pattern stitches such as knit & pearl. SF60
- C224006. **LEVEL 1 ARM/FINGER KNITTED ITEM** Knitted items using simple pattern stitches such as knit & pearl. SF60
- C224007. LEVEL 1 LOOM KNITTED ITEM Knitted items using simple pattern stitches such as knit & pearl. SF60
- C224008. **LEVEL 1 SLIPPERS** Crocheted items using simple pattern stitches such as single, double or triple crochet. SF61
- C224009. **LEVEL 1 HEAD COVERING** Crocheted items using simple pattern stitches such as single, double or triple crochet. SF61
- C224010. **LEVEL 1 SIMPLE PILLOW** Crocheted items using simple pattern stitches such as single, double or triple crochet. SF61
- C224011. **LEVEL 1 DISH CLOTH/TOWEL** Crocheted items using simple pattern stitches such as single, double or triple crochet. SF61

#### **DIVISION 225 - LEVEL 2 & 3 KNITTING**

- C225001.\* **LEVEL 2 KNITTED CLOTHING ITEM** (Garment eligible for State Fair Fashion Show) Knitted garment using BASIC STITCHES [INCLUDING: Knit (K), Pur (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo)] to form patterns. -SF60.
- C225002.\* **LEVEL 2 HOME DESIGN & RESTORATION ITEM** Knitted item using basic stitches [including: Knit (K), Pur (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo)] to form patterns. SF60.
- C225003.\* LEVEL 2 ARM/FINGER KNITTED ITEM (Clothing or Home Environment Item) SF60.
- C225004.\* LEVEL 2 LOOM KNITTED ITEM (Clothing or Home Environment Item) SF60.
- C225005.\* **LEVEL 3 KNITTED CLOTHING ITEM** (Garment eligible for State Fair Fashion Show) Knitted garment made 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. SF60.
- C225006.\* **LEVEL 3 HOME DESIGN & RESTORATION ITEM -** Knitted item made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting. SF60.
- C225007.\* LEVEL 3 MACHINE KNITTING SF60

**INFORMATION SHEET FOR CROCHET** - Each knitted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

- 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)
- What steps did you take as you worked toward your goal(s)?
- What were the most important things you learned as you worked toward your goal(s)?
- Gauge and size of hook or type of crocheting tool.
- Kind of yarn weight and fiber content or other material used
- Names of stitches used
- Copy of directions

#### **DIVISION 226 - CROCHET**

- C226001.\* **LEVEL 2 CROCHETED CLOTHING ITEM** (Garment eligible for State Fair Fashion Show) Crocheted garment using basic stitches [including: chain, single, double, half-double, treble] to form patterns. SF60
- C226002.\* LEVEL 2 CROCHETED HOME DESIGN & RESTORATION ITEM Crocheted item using basic stitches [including: chain, single, double, half-double, treble] to form patterns. SF60
- C226003.\* **LEVEL 3 CROCHETED CLOTHING ITEM** (Garment eligible for State Fair Fashion Show) Crochet garment using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches. SF60
- C226004.\* **LEVEL 3 CROCHETED HOME DESIGN & RESTORATION ITEM** Crochet item using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches. SF60

**INFORMATION SHEET FOR WEAVING** - Each weaving exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

- 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)
- What steps did you take as you worked toward your goal(s)?
- What were the most important things you learned as you worked toward your goal(s)?
- Type of Loom
- Kind of yarn weight and fiber content or other material used
- Names of weave structures used
- Copy of directions

#### **DIVISION 227 - WEAVING**

- C227001. **LEVEL 1 WOVEN GARMENT** Woven garment with a plain or balanced weave using a rigid heddle loom. Such as: Scarf, Shawl, Belt.
- C227002. **LEVEL 2 WOVEN GARMENT** Woven garment using basic weaving techniques and threading patterns with a four harness loom.
- C227003. **LEVEL 3 WOVEN GARMENT** Woven garment using advanced weaving techniques and threading patterns with any loom. Such as lace, overshot, tapestry.

#### **DEPARTMENT CONSUMER MANAGEMENT**

 All classes of Attention Shoppers and Shopping in Style are to be entered on Tuesday, July 20, at the time of your interview. Location Nance County Fairgrounds

#### **DIVISION 244 - ATTENTION SHOPPERS (Age: Under 12)**

PREMIUMS: Purple-\$3.00; Blue-\$2.00; Red-\$1.50; White-\$1.00

- C244001. **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, or an audio tape.
- C244002. **CLOTHING INTERVIEW** A) Interview an older person and talk about the fads and fashion 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 wedding, graduations, birthdays, religious events, etc.). How do those items differ or are they the same as what you wear? **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 you interviewed in their special type of clothing. Your interview entry may be a picture poster, written story, audio tape, or video tape with explanation.
- C244003. **BUYMANSHIP** 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.
- C244004. **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 include information on: sort before you wash, clothing first aid, fad or fashion, etc.
- C244005. **\$20.00 CHALLENGE** Enter a complete outfit that was purchased (clearance racks, garage sale, etc.) for under \$20.00. Shoes are not included in the \$20.00 limit. 4-H members can use a pair of shoes from their current wardrobe to compliment the outfit. Include documentation of all purchases, their prices, and a photo of yourself in the newly acquired outfit in a 8-1/2" x 11" binder or on a 14" x 22" poster.

#### **DIVISION 240 - SHOPPING IN STYLE**

• 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 1/2" 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 Quick Time Player.

- C240001.\* **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 for this class. Although both entries do share some information, there are differences in content and format for this class. SF84
  - Provide details about wardrobe inventory which indicates the following:
    - Why you selected the garment you did
    - Clothing budget
    - Cost of garment
    - Conclusion or summary statement(s) stating your final comments on why you selected you "best buy for your buck".
  - Provide 3 color photos of you wearing the garment (front view, side view, back view).
- C240002.\* **BEST BUY FOR YOUR BUCK** (Ages 14-18 before January 1 of the current year) Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). **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.* SF84
  - Provide details listed for those ages 10-13 plus include the following additions:
    - Body shape discussion
    - Construction quality details
    - Design features that affected your selection
    - Cost per wearing
    - Care of garment
    - Conclusion or summary statement(s) stating your final comments on why you selected you "best buy for your buck".
  - Provide 3 color photos of you wearing the garment (front view, side view, back view).
- C240003.\* **REVIVE YOUR WARDROBE** Take at least two items in your wardrobe that still fit but that you don't wear anymore and pair them with a new garment 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). SF88
- C240004.\* **ŠHOW ME YOUR ĆOLORS** 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). SF89
- C240005.\* **CLOTHING FIRST 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. SF64
- C240006.\* MIX, MATCH & MULTIPLY Using this concept from page 32 of the manual, take at least 5 pieces of clothing and create new outfits. Use your imagination to show various looks (i.e. on a clothes line, in a tree, on a mannequin). Include a brief discussion of each outfit which demonstrates what you have learned by completing this entry. Entry can be a binder, poster, or video (see general information). SF90
- C240007. **\$20.00 CHALLENGE** Enter a complete outfit that was purchased (clearance racks, garage sale, etc.) for under \$20.00. Shoes are not included in the \$20.00 limit. 4-H members can use a pair of shoes from their current wardrobe to compliment the outfit. Include documentation of all purchases, their prices, and a photo of yourself in the newly acquired outfit in a 8 1/2" x 11" binder or 14" x 22" poster. SF90

#### **DIVISION 246 - MAKING CENTS OF IT**

PREMIUMS: Purple-\$3.00; Blue-\$2.00; Red-\$1.50; White-\$1.00

- C246001. **COMPLETE PAGE 13 OF THE MANUAL OR COLOR OUR STATE QUARTER** Located at the website 4h.unl.edu.makingcentsofit) under the tab for Lesson 1.
- C246002. **READ THE STORY** Listed on page 8 and draw and label on an 8 1/2" x 11" sheet at least 5 different objects used as money before coins and paper currency were made.
- C246003. **WANTS/NEEDS POSTER** 11" x 17" using the information on page 16 of the manual.
- C246004. **DECORATED BANK** See page 28 of the manual.

#### **DIVISION 247 - MY FINANCIAL FUTURE**

- 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. SF247
- C247001.\* **SMART FINANCIAL GOALS** 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. SF247
- C247002.\* **INCOME INVENTORY** Using page 13 as a guideline, list sources and amounts of income you earn/receive over a six month period. Answer the following questions: What were your income sources? Were there any steady income sources? What did you do with the income you received? Include your income inventory in the exhibit. SF247
- C247003.\* **TRACKING EXPENSES** Use an app or chart like the one on page 17 to track your spending over 2 months. Answer the following questions: What did you spend most of your money on? What did you learn about your spending habits? Will you make any changes in your spending based upon what you learned? Why or why not? Include your chart in your exhibit. SF247
- C247004.\* **MONEY PÉRSONALITY PROFILE** Complete the money personality profile found on pages 21-22. Answer the following questions: What is your money personality? How does your money personality affect the way you spend/save money? Have a friend or family member complete the money personality profile. Compare and contrast (how are you alike; how are you different) your money personality profile with theirs.
- C247005.\* WHAT DOES IT REALLY COST? Complete Activity 8 "What Does It Really Cost?" on pages 39-40. SF247
- C247006.\* MY WORK; MY FUTURE Interview three adults in your life about their careers or jobs using the questions on page 51 and record their answers. In addition, answer the following questions on your display: What did you find most interesting about these jobs? Were there any positions you might want to pursue as your career? Why/Why not? What careers interest you at this point in your life? What are three steps you need to do now to prepare for this career? SF247
- C247007.\* **INTERVIEW** 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 you interviews, which payment method would suit you the best? Discuss your answer. SF247
- C247008.\* THE COST OF NOT BANKING Type your answers to the questions about Elliot on page 50.
- C247009.\* **EVALUATING INVESTMENT ALTÉRNÁTIVES** Complete the case study of Jorge on page 64. Answer all three questions found at the bottom of the page. SF247
- C247010.\* **UNDERSTANDING CREDIT SCORES** Watch the video and read the resource listed on page 71. Answer the following questions: Name 3 prudent actions that can reduce a credit card balance. What are the main factors that drive the cost of credit? List one personal financial goal that you could use credit or collateral to purchase. Discuss possible consequences that might happen with improper use of credit for your purchase.
- C247011.\* YOU BE THE TEACHER Create an activity, story board, game or display that would teach another youth about "Key Terms" listed on page 62. Activity/display must include at least five (5) of the terms. SF247

#### **DEPARTMENT FASHION SHOW**

#### **DIVISION 410 - FASHION SHOW**

PREMIUMS: Purple-\$5.50, Blue-\$4.50, Red-\$4.00, White-\$3.00

• Fashion Show judging will be held prior to the county fair with a public style revue held during the fair. If modeling, 4-H members **must** participate in both the pre-fair clothing day and the public style revue held during the fair unless a release is granted by the 4-H Council. Participant must pre-register on the county fair entry sheet.

#### **STEAM CLOTHING 1 - FUNDAMENTALS**

C410001. BAG/PURSE
C410002. SIMPLE TOP
C410003. SIMPLE BOTTOM
C410004. SIMPLE DRESS
C410005. OTHER - (apron, vest, etc.)

C410006. UPCYCLED SIMPLE GARMENT

C410007. UPCYCLED SIMPLE ACCESSORY

C410008. AMAZING APRON C410009. LLAMA PAJAMAS

C410011. COUNTY FAIR PUBLIC FASHION SHOWCASE - Showcase your non-wearable constructed item

#### **DIVISION 410 - BEYOND THE NEEDLE**

- 4-H members must show their own original creativity on a garment in which the design is created through the structure such as color blocks, fabric strips, texturizing fabric pieces, etc.
- Garments should be age appropriate.
- C410010.\* EMBELLISHED GARMENT(S) WITH AN ORIGINAL DESIGN Garment is created using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-H'er using the elements and principles of design to make an original statement. SF117
- C410012. **EMBELLISHED GARMENT**
- C410013. TEXTILE ARTS ACCESSORY
- C410015.\* GARMENT CONSTRUCTED FROM ORIGINAL DESIGNED FABRIC Fabric yardage is de signed first, then a garment is constructed from that fabric. Other embellishments may be added. SF117
- C410020.\* BEYOND THE NEEDLE TEXTILE ARTS GARMENT(S) Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape. SF117
- C410025.\* WEARABLE TECHNOLOGY GARMENT- Garment has integrated technology into its design. SF117

#### **DIVISION 410 - STEAM CLOTHING 2 - SIMPLY SEWING**

- A purchased top can be worn to complete a skirt, pants, or shorts outfit with a vest or unlined jacket.
- 4-H members who have enrolled in or who have completed STEAM Clothing 3 projects are not eligible to enter STEAM Clothing 2.
- Nightshirts, flannel lounging pants, or any other types of loungewear can NOT be modeled at State Fair.
- C410022. UPCYCLED GARMENT
- C410023. UPCYCLED CLOTHING ACCESSORY
- C410024. TEXTILE CLOTHING ACCESSORY
- C410026. **TOP** (vest acceptable)
- C410027. **BOTTOM** (pants or shorts)
- C410028. **SKIRT**
- **UNLINED JACKET** C410029.
- C410030.\* CONSTRUCTED STEAM CLOTHING 2 GARMENT(S) - (SF117) 4-H members who have enrolled in or who have completed STEAM Clothing 3 projects are not eligible to enter STEAM Clothing 2. Possible types of STEAM Clothing 2 garments include: Dress; or romper or jumpsuit; or Two-Piece Outfit Combination (skirt with top, vest, or lined/unlined jacket; jumper and top; pants or shorts outfit (pants or shorts with top, vest, lined/unlined jacket). A purchased top can be worn to complete a skirt, pants, or shorts outfit with a vest or lined/unlined jacket

#### **DIVISION 410 - STEAM CLOTHING 3- A STITCH FURTHER**

- A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts.
- **UPCYCLED GARMENT** C410037.
- **UPCYCLED CLOTHING ACCESSORY** C410038.
- C410039. **TEXTILE CLOTHING ACCESSORY**C410040.\* **CONSTRUCTED STEAM CLOTHING 3 GARMENT(S) -** (SF117) Possible types of STEAM Clothing 3 garments include: Dress or formal; or Skirt Outfit Combination (skirt with top, vest, or lined/unlined jacket; Pants or Shorts Outfit Combination (pants or shorts with top, vest, lined/unlined jacket). A purchased top can be worn to complete a skirt, pants, or shorts outfit with a vest or lined/unlined jacket; or Romper or Jumpsuit; or Specialty Wear (swim wear, costumes, western wear-chaps, chinks, riding attire or hunting gear) Non-tailored Lined or Unlined Jacket or Coat, additional pieces with jacket or coat may either con structed or purchased; or Tailored Coat, Blazer, Suit Jacket, or Outerwear. Additional pieces with coat, blazer or outerwear may either be constructed or purchased. Or Upcycled Outfit Combination—must contain a complete constructed outfit (examples: if the top is upcycled, must include bottom, upcycled dress).

#### **DIVISION 410 - KNITTING OR CROCHET**

- C410050.\* KNITTED 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. Garment can be a sweater, cardigan, dress, coat, a top and bottom or a two piece ensemble).
- C410051.\* CROCHETED CLOTHING (LEVEL 2 OR 3) 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 can be a sweater, cardigan, dress, coat, a top and bottom or a two piece ensemble).

#### **DIVISION 410 - ATTENTION SHOPPERS**

C410052. MODEL AND INTERVIEW JUDGING OF PURCHASED COMPLETE WEARABLE OUTFIT FOR LESS THAN \$75 - (Bring required information for this entry to the interview; listed under Dept. Attention Shoppers,

Division 244, Class 3)

C410053. MODEL \$20.00 CHALLENGE OUTFIT - Model your complete purchased outfit.

#### **DIVISION 410 - SHOPPING IN STYLE**

• Participants must model a complete outfit - all pieces of the garment must be purchased.

- Shopping in Style Judging of the completed written report Form SF184, revised 2/2019 available at the extension office) will be done prior to the fashion show. Must include a photo on Form SF184 (print, digital, or photocopy is acceptable). This entry form is worth 40% of the total score and is judged on content, completeness, accurate information, and neatness.
- Those 4-H members modeling purchased garments will be judged on stage for modeling skill, fit, and appearance of the outfit and accessories. Judging on stage is worth 60% of the score.

C410060.\* MODEL SHOPPING IN STYLE PURCHASED OUTFIT and Written Report SF 184 C410061. \$20.00 CHALLENGE OUTFIT - Model your complete purchased outfit.

#### **DEPARTMENT OF QUILT QUEST**

PREMIUMS: Purple-\$6.50; Blue-\$5.50; Red-\$4.50; White-\$3.50

- 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-Her 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.
- When judging Quilt Quest exhibits, the judges consider SF209 "Standards for Judging Quilts and Quilted Items."
- 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 1/2" 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 1/2" 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.
  - **Turnover** is a collection of coordinating fabrics that are cut into 6" triangles.
  - Fat Quarters are 1/2 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.

#### **DIVISION 229 - QUILT QUEST**

C229010.\* **EXPLORING QUILTS** - Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to: language arts, quilts of different cultures, chemistry, design, preservation, history, construction, math conversion of quilt patterns, textiles/fabrics, computerization, and entrepreneurship. History may include history of an old quilt or history/research of a particular style of quilt such as Baltimore album quilts or Amish quilts. Exhibit may be a 14" x 22" poster, notebook, CD, Powerpoint, Prezi, DVD, YouTube, or other technique. All items in an exhibit must be attached together and labeled. **NO quilted items should be entered in this class.** SF208C.

- C229040.\* 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 member. On a half sheet of 8.5" x 11" paper, tell how you selected the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc. SF208A.
- C229041.\* INTER-GENERATIONAL QUILT A quilt made by a 4-H member and family members or friends of different generations. On a half sheet of 8.5" x 11" paper, include an explanation answering the following questions:
  - 1. How was the guilt planned and who did what in the construction of the guilt?
  - How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.?
  - 3. What did you learn that you can use on your next project? SF208E
- C229042.\* 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 8.5" x 11" paper, include an explanation answering the following questions:
  - 1. Why was the quilt constructed and who will receive the donated quilt?
  - 2. How did you select the design and fabrics used including whether or not you used a kit, jelly roll, charm squares, etc.?
  - 3. What did you do and what was done by others?
  - 4. What did you learn that you can use on your next project? SF208D

QUILT DESIGN 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. Tag templates can be found on the 4-H State Fair website, please note this is the Home Environment information sheet: http://4h.unl.edu/fairbook#tab3. Exhibits without supporting information will be dropped a ribbon placing.

C229020.\* QUILT DESIGNS OTHER THAN FABRIC - Two or three dimensional item with quilt design made using medium other than fabric, such as wooden quilt block, stained glass, paper, etc. SF208B.

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. Tag templates can be found on the 4-H State Fair website, please note this is the Home Environment information sheet: http://4h.unl.edu/fairbook#tab3. 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. SF208B.

- C229021.\* **BARN QUILT** created that is less than 4' x 4'. C229022.\* **BARN QUILT** created that is 4' x 4' or larger.
- C229030.\* COMPUTER EXPLORATION Poster or notebook with a minimum of six computer generated quilt designs or color variations on a quilt design. Include information on type of program used, process used to generate designs, or how you used color to create different quilt designs. Size of poster or notebook to be suitable for the exhibit. SF208C.

#### **CLASSES 50-83 QUILTED EHXIBITS**

#### Guidelines for Classes 50 - 83. SF208A

- Please note the description of classes. They denote degree of difficulty in construction and **not** the number of years in the project.
- A quilted exhibit consists of 3 or more layers.
- All quilted exhibits must be quilted (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 quilted exhibits must be clean and finished for intended purpose.
- On a half sheet of 8 1/2" x 11" paper, include an explanation answering the following questions:
  - A. How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.?
  - B. What did you do and what was done by others?
  - C. What did you learn that you can use on your next project? SF208A

Quilted Exhibits Classes 50-52 - Pieced guilts made up of squares and/or rectangles.

- C229050.\* SMALL length + width = less than 60". This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be guilted. Pillows must have a guilted top, not just pieced patchwork.
- C229051.\* **MEDIUM** - length + width = 61" to 120"
- C229052.\* LARGE length + width = over 120"

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

- C229060.\* SMALL length + width = less than 60". This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be guilted. Pillows must have a guilted top, not just pieced patchwork.
- C229061.\* **MEDIUM** length + width = 61" to 120"

C229062.\* LARGE - length + width = over 120"

Quilted Exhibits Classes 70-72 - In addition to any of the methods in classes 50—62, quilts may have curved piecing, appliqué, Celtic style, stained glass style, paper piecing, art quilt style (An art quilt is an original exploration of a concept or idea rather than the handing down of a "pattern". It experiments with textile manipulation, color, texture and/or a diversity of mixed media. An Art Quilt often pushes quilt world boundaries), or other non-traditional styles. SF208A

- C229070.\* SMALL length + width = less than 60". This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be quilted. Pillows must have a quilted top, not just pieced patchwork.
- C229071.\* **MEDIUM** length + width = 61" to 120"
- C229072.\* LARGE length + width = over 120"

Premier Quilt Classes 80-83 - Entire guilt is the sole work of the 4-H member, including guilting (hand or machine). The youth may receive guidance but no one else may work on the guilt. Tied guilts are not eligible in this class.

- C229080.\* HAND QUILTED
  C229081.\* SEWING MACHINE QUILTED
  C229082.\* LONG ARM QUILTED—non-computerized/hand guided
- C229083.\* LONG ARM QUILTED—computerized

#### **DEPARTMENT HOME DESIGN & RESTORATION**

#### **HOME DESIGN & RESTORATION EXHIBITS** are evaluated by these criteria:

- 1) Items must be designed to be used for home decorating, home furnishing, or home management (no clothing, purses, note cards, scrapbooks/photo albums, etc.)
- 2) Accessories should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday-specific items are discouraged. Exhibits made from kits are also discour aged as kits limit decision making in the design process.
- 3) Items should show creativity and originality, along with the application of design elements and principles. Youth are required to include the design elements and principles they used along with 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?
- Items should be ready for display in the home: pictures framed, wall hangings and pictures ready to hang, etc. No single mat board or artist canvas panels allowed. Wrapped canvas (if staples not visible on edge) is accepted without framing. Make sure hangers are strong enough to support the item. Command strips are not adequate hangers. Items not ready for display will be dropped one ribbon placing.
- 6) Items should **not** be made for beginning level or other projects (ex: simple [10 minute] table runners or woodworking). Exhibits from the beginning level, Design My Place, are county only and not state fair eligible.
- 7) Size of Exhibits: Exhibits may be no taller than 7 feet and no wider than 6 feet. All exhibits must be easily lifted by two 4-H staff.
- 8) Number of Entries per Individual: One entry per exhibitor per class. Limit of two entries in ALL home design and restoration projects per exhibitor.
- ENTRY TAGS An entry tag which includes a clear description of the entry must be securely attached to each exhibit. Use color, pattern or picture descriptions to aid in identification. No straight pins.
- 10) IDENTIFICATION In addition to the entry tag, a label with the exhibitor's name and county should be attached to each separate piece of the exhibit.
- 11) SUPPORTING INFORMATION Supporting information is required for all exhibits. Information must include the elements or principles of design used and steps taken to complete project. Supporting information tags are available at the extension office or online at https://go.unl.edu/ne4hhomeenvironment. Exhibits without supporting information will be dropped a ribbon placing. See sample on page 37.

Home Design & Restoration Supporting Information Check elements and/or principles used in your exhibit				
Elements of Design-The Building Blocks				
ColorTex	tureS	Shape/Form	Line	Space
Principles of Design-Applying elements to make a pleasing design				
Rhythm/Repetition	Balance _	Emphasis _	Unity _	Proportion
Steps taken to complete this exhibit:				

#### **DIVISION 251 - DESIGN MY PLACE**

PREMIUMS: Purple-\$4.00; Blue-\$3.50; Red-\$3.00; White-\$2.00

- Copies of the specific pages are available at the extension office. Entries not eligible for State Fair.
- Please remember to include supporting information with Design My Place exhibits.
- **COLOR WHEEL** Activity or Item using a color wheel (Pages 14-15) C251001. C251002. **QUILT BLOCK** – (Page 16) PAPER WEAVING - (Pages 17-18) C251003. SIMPLE SEAM & HEM - Create an item using a simple seam and/or hem. Items can include curtains, C251004. decorative towels, laundry bag, pillow shams, etc. (Pages 23-24) C251005. TERRIFIC TABLE- Item(s) created to accessorize a table. Can include tablecloth, napkins, placemats, coasters, mug mats, etc. C251006. DESIGN YOUR OWN FABRIC - Using skills listed on pages 26-29 of the Design My Place manual, create an accessory for your home with fabric you have designed. **SWEDISH WEAVING ITEM** - (Page 31) C251007. CROSS STITCH ITEM – (Page 32) C251008. C251009. **NEEDLEPOINT ITEM** – (Page 33) **EMBROIDERY ITEM - (Pages 34-35)** C251010. C251011. **TIN PUNCH ITEM** - (Page 37) C251012. **METAL TOOLING ITEM** – (Page 38) C251013. PAINTED METAL ITEM - (Pages 39-40) C251014. SANDING, PAINTING, STAINING, VARNISHING - Exhibit a wooden item where you finished or refinished it with techniques learned on pages 42-45. **BULLETIN BOARD** - (Page 46) C251015. C251016. **STORAGE RACK** - (Page 47) C251017. **BOOKENDS** - (Page 48) C251018. PAPER ACCESSORY ITEM - (Pages 50-51) C251019. GLASS ACCESSORY ITEM - (Pages 52-53) **CLAY ACCESSORY ITEM** - (Pages 52-53) C251020. C251021. PLASTIC ACCESSORY ITEM - (Pages 52-53) LIGHTING DETECTIVE ACTIVITY or EDUCATIONAL EXHIBIT relating to home lighting (Pages 54-57) C251022. INDOOR AIR QUALITY ACTIVITY or EDUCATIONAL EXHIBIT relating to the home. (Pages 58-63) C251023. C251024. **ACTIVITY or EDUCATIONAL EXHIBIT** relating to hearing, loud noises, sound, listening, etc. (Pages 64-69)C251025. **HOME SAFETY EXHIBIT** – Exhibit or educational activity relating to the area of safety around your home. Items can include: Fire Escape Plan, Tornado Drill, Home Inspection, etc. STORAGE ITEM - Create a storage item to solve a problem area in your home. Item should be different C251026. than classes offered in this project (examples: bulletin board, storage rack, etc). (Pages 81-83)

#### **DIVISION 256 - HEIRLOOM TREASURES/FAMILY KEEPSAKES**

PREMIUMS: Purple-\$4.50: Blue-\$4.00: Red-\$3.50: White-\$2.50

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

- Attach information including:
  - ⇒ List of steps taken to complete your project. Before and after pictures encouraged.
  - ⇒ 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.
- C256001.\* TRUNKS including doll-sized trunks or wardrobes. SF206.
- C256002.\* AN ARTICLE either a repurposed "treasure" (accessory) from an old item or an old "treasure" (accessory) refinished or renovated. May include a display of a collection or collectibles, being careful not to destroy value of the collection. SF205.
- C256003.\* FURNITURE either a repurposed "treasure" from an old item or an old "treasure" refinished or renovated. May include doll-sized furniture. SF205.
- C256004.\* CLEANED AND RESTORED HEIRLOOM ACCESSORY or FURNITURE A reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed, and simple repair made. Item would not be refinished or repainted, but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult extension publication Care and Conservation of Heirloom Textiles, 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. Item or article should be of complexity suited to an advanced project. SF205.

#### **DIVISION 257 - DESIGN DECISIONS**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

- Attach information to explain steps taken. Information must also include element or principle of design used (p. 9-12)
- C257001.\* DESIGN BOARD FOR A ROOM Include: color scheme, wall treatment, floor treatment, etc. OR floor plan for a room. Posters - 22' x 28' or multimedia presentation (on CD). Show what you learned with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc. SF201.
- C257002.\* PROBLEM SOLVED, ENERGY SAVERS OR CAREER EXPLORATION Identify a problem (as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) OR, explore a career related to home environment (what would it be, what education is needed, what would you do, etc.). Using poster, notebook, multimedia presentation (on CD) or other method, describe the problem and how it was solved OR your career exploration. (p. 74-93)SF201. C257003.\* 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. (p. 74-93) SF201.
- C257004.\* TECHNOLOGY IN DESIGN Incorporate technology into a project related to home environment; for example, using conductive thread to create a circuit that enhances a wall hanging. SF200.
- C257006.\* WINDOW COVERING May include curtains, draperies, shades, shutters, etc. SF200.
- C257007.\* FLOOR COVERING May be woven, braided, painted floor cloth, etc. May be exhibited as a poster or multi media presentation (on CD) SF200.
- C257008.\* BEDCOVER May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the quilting. (No fleece tied exhibits). (p. 50-53) SF200.
- C257009.\* ACCESSORY ORIGINAL NEEDLEWORK/STITCHERY SF200.
- C257010.\* ACCESSORY TEXTILE 2D (table cloth or runner, dresser scarf, wall hanging, etc. No tied fleece blankets or beginning/10 minute table runners.) SF200.
- C257011.\* ACCESSORY TEXTILE 3D (pillows, pillow shams, fabric bowls, etc) No fleece tied exhibits. SF200.
- C257012.\* ACCESSORY 2D SF200.
- C257013.\* ACCESSORY 3D (string art, wreaths, etc.) SF200.
- C257014.\* ACCESSORY ORIGINAL FLORAL DESIGN SF200.
- For classes 15-18, determine entry by what medium was manipulated.
- C257015.\* ACCESSORY ORIGINAL made from WOOD burn, cut, shape or otherwise manipulate. SF200. C257016.\* ACCESSORY ORIGINAL made from GLASS etch, mosaic, stain, molten or otherwise manipulate.
- C257017.\* ACCESSORY ORIGINAL made from METAL cut, shape, punch, sculpt, reassemble or otherwise manipulate, SF200.
- C257018.\* ACCESSORY ORIGINAL made from CERAMIC OR TILE Treatment to exhibit must go through process that permanently alters the medium; Painting alone is not sufficient. SF200.
- C257019.\* ACCESSORY RECYCLED/UPCYCLED ITEM FOR THE HOME Reuse a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
- C257020.\* FURNITURE RECYCLED/REMADE Made or finished by using a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information. SF207.
- C257021.\* FURNITURE WOOD OPAQUE FINISH such as paint or enamel. SF203.
- C257022.\* FURNITURE WOOD CLEAR FINISH showing wood grain. SF203.
- C257023.\* FURNITURE FABRIC COVERED May include stool, chair seat, slipcovers, headboard, etc. SF200.

- C257024.\* **FURNITURE OUTDOOR LIVING -** Furniture made/refurbished suitable for outdoor use. **(NOTE: May be displayed outside at State Fair)**. Include description of what was done to recycle or reuse item in your attached information. SF200.
- C257025.\* ACCESSORY OUTDOOR LIVING Accessory made/refurbished by 4-H member suitable for outdoor use. (NOTE: May be displayed outside at State Fair). Include description of what was done to recycle or reuse item in your attached information. SF200.
- C257026. **CATCH ALL** Did you design something fun or unique for your home, but don't see a class for it under Design Decisions? No problem, enter it here in the Catch All class. Include a brief description of how the article was made and technique/process used. SF200.
- C257027. **OTHER DESIGN DECISIONS EXHIBIT** (Don't forget your supporting information) SF200.
- C257028. CATCH ALL OUTSIDE THE HOME EXHIBIT (Don't forget your supporting information) SF200.

# **DEPARTMENT VISUAL ARTS**

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

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

Scoresheets, forms, contest study materials, and additional resources can be found at <a href="https://go.unl.edu/ne4hvisualarts">https://go.unl.edu/ne4hvisualarts</a>.

# **DIVISION 260 - VISUAL ART MEDIUMS**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

- Use techniques from manual or comparable techniques. Attach information to explain steps taken. Information must also include element or principle of design used. (p. 8-9)
- SF200: Classes 1-12.
- C260001.\* ORIGINAL ACRYLIC PAINTING -SF200
- C260002.\* ORIGINAL OIL PAINTING -SF200
- C260003.\* ORIGINAL WATERCOLOR PAINTING SF200
- C260004.\* ORIGINAL PENCIL DRAWING- SF200
- C260005.\* ORIGINAL CHARCOAL DRAWING- SF200
- C260006.\* ORIGINAL INK DRAWING SF200
- C260007.\* ORIGINAL FIBER ART Could include weaved art, dyed fabric, felted wool, cotton linter, batik, etc. SF200
- C260008.\* ORIGINAL SCULPTURE Could include Styrofoam, wood, cardboard, paper, metal, wire, etc. SF200
- C260009.\* ORIGINAL CERAMIC POTTERY- No purchased ceramic pottery. Must be glazed and fired. May be any hand-built technique or wheel thrown. May be functional or non-functional. Could include slab built, pinch pots, coil built, wheel thrown, etc. SF200
- C260010.\* ORIGINAL PAINTING ON PURCHASED CERAMICSURFACE No hand-built or wheel thrown pottery. May be functional or non-functional. Could include figurines, cups, bowls, etc. SF200
- C260011. **ORIGINAL SINGLE MEDIA NOT LIST** Could include digital art, leathercrafting, printmaking, stained glass, pastels, scratchboard, sand painting, encaustic painting, chalk, etc. SF200
- C260012. **ORIGINAL MIXED MEDIA** Could include any combination of two or more other mediums or materials. SF200

#### **DIVISION 261 - VISUAL ART THEMES**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

- Use techniques from manual or comparable techniques. Attach information to explain steps taken. Information must also include element or principle of design used. (p. 8-9)
- SF200: Classes 1-7.
- C261001.\* ORIGINAL ART INSPIRED BY PLANTS OR ANIMALS could involve but is not limited to domestic animals, pets, agriculture, wild animals, wildlife conservation, house plants, fruit, vegetables, flowers, native plants, trees, etc. SF200
- C261002.\* **ORIGINAL ART INSPIRED BY LANDSCAPES -** could involve but is not limited to rural landscapes, natural environments, man-made environments, urban landscapes, extraterrestrial landscapes, oceanic scenes, buildings, fantasy landscapes, agricultural landscapes, etc. SF200
- C261003.\* ORIGINAL ART INSPIRED BY PEOPLE could involve but is not limited to cultural art, modern society, portraits, daily life, careers, families, emotions, etc. SF200
- C261004.\* ORIGINAL SAND PAINTING could involve but is not limited to food, cars, fantasy worlds, imaginary characters, science-fiction, history, etc. SF200

#### **DEPARTMENT OF CONSERVATION & WILDLIFE**

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

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50 GENERAL INFORMATION

- Show What You Did and Learned: All exhibitors will show evidence of their personal field experiences, reseach, or
  observations that relate to their exhibit. This helps judges understand what the 4-Her did and learned in the process
  that led to the exhibit.
- Proper Credit: Show proper credit by listing the sources of plans or other supporting information used in exhibits.

# Example to attach to your exhibit

Name: Chris Clover County: Clover County

**Age:** 10

Field Experience, Study, or Observations

I attended a 4-H workshop where we put out a food plot, and then made turkey calls. We played a game about turkeys. Sometimes we acted like a female to draw in a tom turkey. Then we acted like a baby turkey to call in a whole flock. I was able to use my turkey call and play the game successfully. I hope to turkey hunt someday, and want to use my box call to hunt fall turkeys.

**Credits/Source:** 

Information was obtained from Nebraska Game & Parks website

- Whose Exhibit? The exhibitor's name, address, and parent's or guardian's name must be on the back or bottom of all displays.
- Wildlife and Wildlife Laws: "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. Domestic animal (i.e. domestic livestock or house pets) and insect exhibits are not appropriate for this area.
- Project Materials Related project booklets include Exploring Your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 59381), Fishing for Adventure Project Manuals, Wildlife Conservation (4-H 125), Geology, and Other Adventure. Other resources include: Outdoor skills: Learning Science in the Outdoors series (Science Signature Outcome Program) outdoornebraska.gov/afterschool/ and www.whep.org
- 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 size (22" x 28") but half size, 22" x 14", is recommended.
- **Exhibit Size:** Exhibits other than poster/display board should not exceed 48 inches x 48 inches and be able to be moved by two people.

# **DIVISION 343 - HARVESTING EQUIPMENT**

- D343001.\* **FISH HARVESTING EQUIPMENT** Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: SF168
  - 1) the purpose of each item,
  - 2) when or where each item is used in relation to other equipment, and
  - 3) any personal experiences you've had with the item(s).
- D343002.\* **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" in 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:
    - 1. Explanation of cost of materials/components
    - 2. where materials/components were purchased
    - 3. how made
    - 4. number of hours required for construction.
  - Identify all parts.
    - 1. 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. SF169
- D343003\* **CASTING TARGET** Make a casting target for exhibit and use, following guidelines on the reference sheet. Target must be under 36" x 36". 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. SF170
- D343004.\* **WILDLIFE HARVESTING EQUIPMENT** Board Exhibit. Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed. Include in your exhibit the following information: SF171
  - 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).
- D343005.\* **INVENTING WILDLIFE/FISH HARVESTING EQUIPMENT, AID OR ACCESSORY** Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, an the results of testing your prototype and any adjustments you made.
- D343006. TACKLE BOX
- D343007. POSTER ON DIFFERENT BAITS (22" x 24")

# **DIVISION 361 - OTHER NATURAL RESOURCES**

D361001.\* **DESIGN YOUR OWN EXHIBIT IN NATURAL RESOURCES, CONSERVATION, GEOLOGY OR ECOLOGY** - This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. Entries must be appropriate for fair display and no larger than 24" x 24". All entries must include a title and should be clear (a brief explanation or other method) about the intended purpose or message—what the exhibit is meant to show. Think about accuracy, creativity, educational value for viewers, and evidence of exhibitor's personal experiences and learning. SF171

#### **DIVISION 341 - OUTDOOR ADVENTURES**

#### **RULES**

Refer to General Rules for more information.

# **OUTDOOR ADVENTURES - LEVEL 1**

D341011. **POSTER-** Create a poster or display no larger than 22" x 28". Topics may include one of the following, but not limited to trail map(s) you have hiked, hiking essentials, your hiking adventures, wildlife or plants observed while hiking (birds, animal prints, butterflies, etc), plan a hike, explain "Leave No Trace" and how this was followed during hiking, collection of photos from your hikes.

- D341012. **JOURNAL/BINDER** Written report of actual, virtual, or imagined trail(s) hiked with observations, OR field journal (notes of actual experiences, sights, sounds, smells, etc.", OR camping trip diary. Feathers/leaf/flower pressings must be securely attached if included. Photos or drawings of observations encouraged.
- D341013. **HIKING SAFETY** Must include explanations of use of item, why selected/purpose of the item and how it meets hiking needs. May include, but are not limited to, one of the following; a compact hiking safety kit, homemade compass or homemade water purifier.
- D341014. **HIKING ADVENTURE GAME** Create a game of trails of outdoor adventures. Must be educational or one or more aspects of hiking, must include clear instructions as to the purpose and what can be learned by playing the game.
- D341015 **OTHER HIKING ITEM(S)** Must include what inspired the creation of the item(s) and its purpose. May include, but are not limited to one of the following: hiking backpack, nature art, nature poem or story, home made hiking snack mix displayed in a re-sealable plastic bag (include why ingredients were selected and nutritional value).

# **OUTDOOR ADVENTURES - LEVEL 2**

- D341001.\* **POSTER** (SF281) Create a poster display no larger than 22" X 28". Topics may include, but not limited to one or more of the following; how to pitch a tent, knot tying, cooking over a campfire, how to start a campfire, wildlife and plants identified while camping, how to set up emergency shelter, dealing with weather, collection of photos from camping trips, "Leave No Trace" and how that was followed while camping, plan a camping trip, camping essentials, environmental issues/protecting natural resources, park or trail clean up, sanitation/ hygiene while outdoors or use of GPS.
- D341002.\* **JOURNAL/BINDER** (SF281) Written report of actual, virtual or actual camping/hiking trips with observations OR fieldjournal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16" X 16".
- D341003.\* **CAMPING/HIKING SAFETY** (SF281)Must include explanation of use of item and why selected/purpose, how it fits hiking/camping needs. May include, but are not limited to, one of the following: travel sized poisonous planting guide, camping first aid kit, weather/water safety or hand hygiene kit.
- D341004.\* **DIGITAL MEDIA** (SF281) Use digital media to show video/slideshow/presentation of setting up a tent (include why site is chosen) or protecting natural resources or environmental issues or computer video camping/hiking game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.
- D341005.\* **OTHER CAMPING ITEMS** (SF281) Must include what inspired the creation of the item, and its purpose. May include, but are not limited to one of the following; nature art, nature haiku poem, spider web sketches or knot display.

# **OUTDOOR ADVENTURES - LEVEL 3**

- D341006.\* **POSTER** (SF281)Create a poster display, no larger than 22" X 28". Topics may include but not limited to one of the following; Topographic map, backpacking trip plan, camp layout, plan an expedition (can be dreamed or lived), collection of photos from your expedition, trails hiked, cost comparison of rental vs pur chase or using GPS/compass.
- D341007.\* **JOURNAL/BINDER** (SF281) Written report of actual, virtual or imagined expeditions/camping/hiking, OR field journal (notes of actual experiences, sights, sounds, smells, etc.). Explain growth in project, challenges in leading a group, teaching others about wildlife and nature identification and "Leave No Trace." Exhibits measure no larger than 16" X 16".
- D341008.\* **EXPEDITION SAFETY** (SF281)Must include an explanation of use of items, why selected/purpose of item, how it meets hiking/camping/expedition needs. May include, but are not limited to; travel sized edible plants, creepy crawly guide, tent repair kit, travel first aid kit or weather/water safety. Exhibits measure no larger than 18" X 24"
- D341009.\* **DIGITAL MEDIA** (SF281) Use digital media to show video/slideshow/presentation of one of the following, but not limited to; building a non-tent shelter (include why needed), packing your backpack/equipment and getting it onto you, teaching others about environmental issues or a computer video backpacking expedition game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides in side report cover or notebook.
- D341010.\* **OTHER EXPEDITION ITEMS** (SF281) Must include what inspired the creation of the item, and the purpose of the item. May include, but are not limited to; nature art, nature cinquain poem, backpacking food recipes, hiking/expedition conditioning plan, charcoal etching, dehydrated meal or snack (at least 1 cup displayed in a resealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18" X 24"

# **DEPARTMENT SHOOTING SPORTS**

PREMIUMS: Purple-\$4.00: Blue-\$3.50: Red-\$3.00: White-\$2.00

#### **DIVISION 347 - EXHIBIT CLASSES**

- D347001.\* **SHOOTING AID OR ACCESSORY** (SF253) Any item which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for.
- D347002.\* **STORAGE CASE** (SF254) An item with the purpose to safely hold a firearm, bow, ammunition, and/or arrows, examples: soft sided shotgun case, quivers, firearm safe. Include your design, or plans you adapted. Explain how the storage case is used.
- D347003.\* **PRACTICE GAME OR ACTIVITY** (SF255) Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials for 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.
- D347004.\* SCIENCE, ENGINEERING, TECHNOLOGY ADVANCEMENTS OF SHOOTING SPORTS, CONSERVA TION, OR WILDLIFE ESSAY OR DISPLAY (SF256) 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 1/2" x 11" paper.
- D347005.\* **HEALTHY LIFESTYLES PLAN** (SF257) 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 adaptions or improvements made while following the plan.
- D347006.\* CITIZENSHIP/LEADERSHIP PROJECT (SF258) 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, or 4-H recruitment event. Include who benefitted from the project, what the 4-H member's role was, and any results.
- D347007.\* **CAREER DEVELOPMENT/COLLEGE ESSAY, INTERVIEW OR DISPLAY** (SF252) 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 1,000 words and should be on 8 ½ x 11 paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers.
- D347008.\* **COMMUNITY VITALITY DISPLAY** (SF251) 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.
- D3347009.\* **AG LITERACY-VALUE ADDED AGRICULTURE INTERVIEW OR RESEARCH PROJECT -** (SF 250) Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present findings in an interesting way for the public to learn from.

# **DIVISION 346 - TAXIDERMY**

- D346001.\* **TANNED HIDES** Exhibit of a wild animal hide properly processed by the member. No requirement as to mounting but must meet the size requirement listed under General Rules. Include the animal's name and the following information about the exhibitor's personal field experiences, study, OR observation that relates to the exhibit.
- D346002.\* **TAXIDERMY** Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to mounting but must meet the size requirement listed under General Rules. Include the animal's name and the following about the exhibitor's personal field experiences, study, OR observation that relates to the exhibit.

#### **DIVISION 340 - WILDLIFE**

- D340001.\* **MAMMAL DISPLAY** SF154 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 wild life during one season or through the year; wildlife behavior and habitats.
- D340002.\* **BIRD DISPLAY** SF154 Examples: life history or other facts about one type of wildlife; how to manage wild life on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.
- D340003.\* **FISH DISPLAY** SF155 Examples: life history or other facts about one type of wildlife; how to manage wild life on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.
- D340004.\* **REPTILE or AMPHIBIAN DISPLAY** SF156 Examples: life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.
- D340005.\* **WILDLIFE CONNECTIONS** (SF157) Board or poster exhibit. The purpose of this display is to show inter connections 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: 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; Show the role of predators, scavengers, insect eaters, or others in nature; Show how wildlife numbers (populations) change through the year; Show predation, competition, or other behavioral interactions of wild life; Choose one kind of wildlife and make observations through a season or year, keep notes of interactions, then make a display of what you saw.
- D340006.\* **WILDLIFE TRACKS** (SF158) 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. Option 1 should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR) Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. (OR) Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.
- D340007.\* **WILDLIFE KNOWLEDGE CHECK** (SF159) Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife conservation or shooting sports related knowledge. Plan size and shape to fit transportation and display; maximum size 24 inches x 24 inches.
- D340008.\* **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 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, 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. SF160

- D340009.\* **WILDLIFE ESSAY** Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example: write about 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 typed, double spaced on 8 1/2" x 11" paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them. SF161
- D340010.\* **WILDLIFE VALUES SCRAPBOOK** Make a scrapbook about the various values of wildlife following guidelines in the Wildlife Conservation project booklet (4-H 125). SF162
- D340011.\* **WILDLIFE ARTS** The purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, wood carvings, painted duck decoys, or songs or poems written by the exhibitor. Entries must be appropriate for fair display and no larger than 24" x 24". For example: paintings or photographs should be displayed in notebook format or mounted on a sturdy panel. All entries must include a title and brief explanation of the purpose or message (what is the exhibit meant to show). SF163
- D340012. OTHER Any other wildlife exhibit. (Be sure to include proper documentation) SF164

#### **RULES**

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

# **DIVISION 342 - WILDLIFE HABITAT**

- D342001.\* **HOUSES** (SF165) Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size etc. are appropriate to fit the intended species' needs. Include the following information: 1) the kinds of animal(s) for which the house is intended, 2) where and how the house should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations ro experiences. Tips: check NebGuide on bird houses and shelves.
- D342002.\* **FEEDERS/WATERS** (SF166) Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; **no insect feeders**. Include the following information: 1) the kinds of animal(s) for which the water/feeder is intended, 2) where are how the water/feeder should be located for best use, 3) any seasonal maintenance needed, and 4) any evidence of your personal observations or experiences. Tips: check NebGuide on feeding birds.
- D342003.\* WILDLIFE HABITAT DESIGN BOARD OR POSTER EXHIBIT Choose a backyard, acreage, or farm, and design a habitat plan to meet the food, water, shelter, and space needs of at least three kinds of animals you would like to attract. Draw an outline of the area and show what plants or other habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial photo of the area if you have one.

# **DIVISION 348 - BIRD BEHAVIOR**

- D348001. **WOODEN BIRD HOUSE** Built and constructed for a specific bird. Include card with name of bird and birdhouse requirements. SF161
- D348002. WOODEN BIRD FEEDER or FEEDING STATION SF161
- D348003. **SCRAPBOOK or ESSAY** Show pictures of birds, stories of unusual birds and news of game birds in Nebraska SF161
- D348004. OTHER BIRD EXHIBIT (Be sure to include proper documentation) SF161

# **DEPARTMENT FORESTRY**

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50

- The official reference for all forestry projects is the <u>Tree Identification Manual (4-H 332)</u> which was recently revised and is available for purchase from UNL Marketplace. Other helpful forestry references include Trees of Nebraska (EC 1774), <u>Leafing Out (4-H 431)</u>, and Plant a Tree (EC 17-11-80).
- · prevent warping.
- Display "boards" must be made from wood or wood composite, i.e., 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
- 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 <u>always</u> 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 <u>complete</u> 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 <u>Acer platanoides</u> 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**

- D320001.\* **DESIGN YOUR OWN EXHIBIT** Prepare an educational exhibit about some aspect of trees, forests or forestry that is of special interest to you. Possible topics include paper recycling, wild fire, forest products, forest wildlife, or forest pests. The only requirement is that the display must be no larger than 24" by 24". Photographs, drawings, samples, charts, posters, etc. can be used, but include enough information to adequately explain the topic. Your display should be substantially different from other display classes. Be as creative as you like.
- D320002.\* **LEAF DISPLAY** The leaf display must include samples of "complete leaves" from at least 10 different tree species. The display must include at least two samples of simple leaves, compound leaves, and conifer leaves. Leaves should be pressed, dried and mounted.
  - Collection: Whenever possible, collect leaves from mature trees. Collect leaves any time after they have reached full size, usually beginning in early summer. Leaf samples should be in good condition and representative of the average leaves on the tree. Keep in mind that shaded leaves are often much larger than normal. Carefully remove leaves from the twig with the entire petiole or rachis intact. After collection, fresh leaf samples can be temporarily stored within the pages of an old magazine, but they should be properly pressed and dried for display. Be sure to record pertinent information during collection. All collection must be done by the exhibitor.
  - **Mounting:** Leaves may be displayed in a notebook or on a display board. Any method may be used to mount leaves, e.g., wire, glue, tape, staples, plastic bags, but be sure all their features can be clearly identified.
  - Labeling: The label for each sample must include:
    - 1. common name 2. scientific name 3. leaf type 4. leaf arrangement (for broadleaf trees)
    - 5. leaf composition (for broadleaf trees) 6. collector's name 7. collection date
    - 8. collection location (be specific, state and county at a minimum)
  - If a twig is included with a sample, indicate "twig included" on the label. For example, the twig may be
    included with an eastern red cedar sample because the leaves are very small and difficult to remove
    from the twig.
  - Supplemental information, e.g., general uses, common products, fall color, etc., may be included with the display to enhance its educational value.
- D320003.\* **TWIG DISPLAY** The twig display must include twig samples from at least 10 different tree species. The display must include at least two samples of opposite and alternate leaf arrangements from broadleaf trees.
  - **Collection:** Twig samples should be collected during dormant season (November—April) when the buds are mature. Twig samples must be at least 6 inches long and exhibit buds. Leaves must be removed and side branches must be trimmed to less than 1 inch in length. All collection must be done by the exhibitor.

- D320004.\* SEED DISPLAY The seed display must include seed samples from at least 10 different tree species.
  - Collection: Tree seeds should be collected at the time of year when they mature, which varies widely depending upon tree species. For example, Silver Maple seeds mature in May while Red Oak acorns do not mature until September. Seed samples should be free of insect or disease symptoms. Remember to display seeds, not fruit. For example, the seed of honey locust is enclosed in a pod. Remove and display the seed, not just the pod. It is acceptable to display the fruit with the seed, but clearly label each. All collection must be done by the exhibitor.
  - Mounting: Seeds may be displayed in a variety of ways, e.g. mounted on a display board, displayed in jars in a rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.
  - **Labeling:** The label for each sample must include:
    - 1. common name 2. scientific name
    - type of fruit, if known (e.g. samara, pod, nut, legume, etc.) 4. collector's name
    - collection date 6. collection location (be specific, state and county at a minimum)
  - Supplemental information, e.g., maturity date, average number of seed in the fruit, etc., may be included to enhance its educational value.

D32005.\* 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" by 4". Cut surfaces should be sanded to show the grain. Treating samples with a clear finish (no stain) is optional. All collection must be done by the exhibitor.
- Mounting: Samples may be displayed in a variety of ways, e.g. mounted on a display board, displayed in a box or rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.
- **Labeling:** The label for each sample must include:
  - 1. common name 2. scientific name 3. wood type (softwood or hardwood)
  - 4. collector's name 5. collection date 6. collection location(be specific, state/county at a mini)
- Supplemental information, e.g., common products, wood density, etc., may be included to enhance educational value.
- D320006.\* CROSS SECTION DISPLAY A disc cut from a tree species listed in 4H 332. The sample must be collect ed 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:
    - D. one growth ring (beginning and end) A. pith
    - E. cambium B. heartwood
    - C sapwood F. bark
  - A separate label attached to the back of the disc must include:
    - 1. common name
    - 2. scientific name
    - tree classification (softwood or hardwood)
    - age (of the cross section)
    - 5. collector's name
    - collection date
    - 7. collection location (be specific, state and county at a minimum)

# D320007.\* PARTS OF A TREE - This project is only for ages 8 - 11.

Prepare a poster, no larger than 24" x 24" that clearly identifies the main external parts of any tree:

- A. Trunk C. Roots E. Flowers
- G. Buds B. Crown D. Leaves F. Fruits 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.
- D320008.\* LIVING TREE DISPLAY A living tree seedling grown by the exhibitor from seed in the display container. The seed must be from a species listed in 4H 332. The seedling must be 60 days to 1 year old (on State Fair judging day). The display container must contain at least 8 inches of soil (potting mix or suitable natural soil), have drainage hole(s), and a drain pan to catch drainage water.
  - **Labeling:** A waterproof label must be attached and include:
    - 1. common name 3. seed treatments (if any)
    - 5. emergence date 2. scientific name 4. planting 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.

- D320008.\* LIVING TREE DISPLAY A living tree seedling grown by the exhibitor from seed in the display container. The seed must be from a species listed in 4H 332. The seedling must be 60 days to 1 year old (on State Fair judging day). The display container must contain at least 8 inches of soil (potting mix or suitable natural soil), have drainage hole(s), and a drain pan to catch drainage water.
  - Labeling: A waterproof label must be attached and include:
    - 1. common name
- 3. seed treatments (if any)
- 5. emergence date

- 2. scientific name
- 4. planting 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.

- D320009.\* FOREST PRODUCT DISPLAY - Prepare a visual display and/r collection tracing the origin of one nonlumber product that comes from trees and/or forests. The diplay must be mo larger than 24 inches by 22 inches by 28 inches. Photographs, drawings, samples, charts, posters, etc. can be used. Posters submitted may be no larger than 22" x 28" and may be either vertical or horizontal. The contestant must identify what species of tree the product is derived from and where the product is harvested, grown, or otherwise collect ed. The product listed must be partially or fully derived from trees; if partial the approximate percentage should be articulated in the display.
- D320010.\* FOREST HEALTH DISPLAY Prepare a visual display outlining a specific forest health issue such as a tree disease, insect pest, animal- or human-caused damage, or an abiotic issue such as weather damage. The display must be no larger than 24 inches by 24 inches by 24 inches. Original photographs, drawings, sam ples, charts, posters, etc. can be used. Actual specimens are strongly encouraged but must be properly pre served, i.e. insects pinned or placed in vials of alcohol, leaves pressed and dried. Posters submitted may be no larger than 24 inches x 24 inches.
- Explain through the display what species of trees the health issue affects, diagnostic features of the issue (symptoms in trees, identifying features of the pest, etc.), and management options.
- Include common and scientific names of trees and pests.
- Supplemental information about the tree or forest health issue: e.g. origin, proliferation in Nebraska/United States, and physiological effects on the tree may be included to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.
- Attach a separate label on the back of the display that includes the exhibitor's name and age.
- D320011.\* WILDFIRE PREVENTION POSTER Prepare a poster, no larger than 24 inches x 24 inches that promotes wildfire prevention strategies. Strategies articulated in the poster can include personal and/or land manage ment actions. Attach a separate label on the back of the poster that includes the exhibitor's name and age.
  - Supplemental information about wildfire prevention should be attached to the poster: e.g. frequency of wildfires in Nebraska/United States, financial costs of wildfires, environmental factors that contribute to wildfires, etc. to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information
- SUSTAINABLE LANDSCAPE DIORAMA Box must be no larger than 24" x 24". The exhibit must show a D320012.\* Nebraska landscape that includes elements such as windbreaks, fields, pastureland, CRP, public lands, community/municipal landscapes. The goal of this exhibit is for students to articulate conservation and sustain ability best-practices that can be implemented on a landscape, while addressing landowner and other stake holder interests.
  - Label point/nonpoint sources of pollution, carbon sequestration, water-wise practices, wildfire prevention strategies, renewable energy sources, and other conservation practices as well as at least 10 species of plants included in the diorama.
  - Attach to the exhibit a brief report including supplemental information describing the diorama, defining conservation practices, and outlining opportunities for landscape improvements to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.
- D320013.\* TREE PLANTING PROJECT DISPLAY Plant a tree in your community. Prepare a visual display where the student articulates proper tree planting techniques, why the individual tree species was chosen, as well as steps taken to continue care for the tree after initial planting. The display must be no larger than 24 inches by 24 inches by 24 inches. Photographs, drawings, samples, charts, posters, etc. can be used. Posters submit ted may be no larger than 24 inches x 24 inches. The tree must have been planted 60 days to 1 year before State Fair judging day. Students must obtain permission from necessary authorities and property owners be fore planting any trees.
  - Labeling: the following information about the tree must be included in the display:
    - 1. common name 2. scientific name 3. planting location 4. planting date 5. tree source 6. planter's name 7. proper tree planting steps 8. tree care (after planting)
  - Supplemental information about the tree: e.g. why the species was chosen, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

# **DEPARTMENT RANGE MANAGEMENT**

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50

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. For more resources and materials in this category refer to the resource section at the bottom of the page.

#### GENERAL INFORMATION

- Each exhibit must be properly identified with Unit and Class.
- All plant displays and display covers must be the result of the current year's work.
- 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 2009), Common Grasses of Nebraska (EC 170), and Common Forbs and Shrubs of Nebraska (EC118).
- 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.
- s, forms, contest study materials, and additional resources can be found at http://go.unl.edu/ne4hrange.

#### **DIVISION 330 - RANGE MANAGEMENT**

#### BOOKS

- 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:
  - 1. Scientific name (in italic or underlined), with authority
  - 2. Common name
  - 3. County of collection
  - 4. Collection date
  - 5. Collector's name
  - 6. Personal collection number, indicating order that plants were collected in your personal collection
  - 7. 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.

Scientific name: Schizachyrium scoparium (Michx.) Nash

Common name: Little bluestem County of collection: Boone County Collection date: 6 August 2019 Collector's name: Joe Smith Personal collection number: 37

Value and Importance: Livestock Forage: High, Wildlife Habitat: High, Wildlife Food: Medium OR Life Span: Perennial OR Season of Growth:

Warm Season OR Origin: Native

- D330001.\* VALUE & IMPORTANCE FOR LIVESTOCK FORAGE & WILDLIFE HABITAT AND FOOD BOOK A collection of 12 different plant mounts, with 4 classified as high value, 4 as medium value, and 4 as low value for livestock forage, wildlife habitat, or wildlife food. Value and importance classifications can be found in the Range Judging Handbook and Contest Guide, Appendix Table 1 (EC150, Revised July 2016) starting on page 42. Plants can consist of any combination of grasses, grass-like plants, forbs, or shrubs. Assemble plant mounts in order of high, medium, and low value and importance. Label each plant mount with its value and importance classifications for each of the three areas: Livestock Forage, Wildlife Habitat, Wildlife Food. SF260
- D330002.\* **LIFE SPAN BOOK** A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs. SF260
- D330003.\* **GROWTH SEASON BOOK** A collection of 6 cool-season grass mounts and 6 warm-season grass mounts. SF260
- D330004.\* **ORIGIN BOOK** A collection of plant mounts of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and often used to seed pastures. SF260
- D330005.\* **MAJOR TYPES OF RANGE PLANTS BOOK** A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like, and 3 shrubs. SF260
- D330006.\* **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. SF260
- D330007.\* **PARTS OF A RANGE PLANT POSTER** Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner, including the scientific and common name of the plant. Put your name and 4-H county on the back of the poster.
- D330008.\* **SPECIAL STUDY BOARD** A display of the results of a clipping study, a degree of use study, range site study, etc. A short essay must accompany the display to explain the reason for the study, what was learned and study results and should be placed in a sheet cover attached to the board. SF260
- D330009.\* **JUNIOR RANCHER BOARD** This exhibit should include a ranch map with record book or an appropriate educational display on some phase of rangeland or livestock management. A short essay must accompany the display to explain the purpose of the rancher board, what was learned, etc. SF260

#### Rules

- 1. Books (Classes 1-6): For books, plants must be mounted on sheets that are no larger than 14 <u>inches</u>" wide by 14" <u>inches</u> 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.
- **2. 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" inches by 28" inches 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.
- **3. Boards (Classes 8-9):** Boards should be should no larger than 30" <u>inches</u> wide by 36" <u>inches</u> talll. Boards should be adequately labeled.

# **DEPARTMENT SHOOTING SPORTS**

PREMIUMS: Purple-\$4.00; Blue-\$3.50; Red-\$3.00; White-\$2.00

To participate in these competitions, a 4-H'er MUST have been enrolled in the Nance County 4-H Shooting Sports Club during the current year and MUST have attended at least four meetings or practices in each discipline enrolled during the current year.

# To compete in:

- **BB** Gun & Archery Open to all youth age 8 and older before January 1. BB Guns are defined as Any spring gun or air powered gun that shoots BB's. Must be smooth bore, weigh 6 pounds or under, will be shot at 5 meters (17'4 3/4"). No scopes allowed.
- .22 Rifle 4-H'er must be age 10 & older before January 1 of the current calendar year, and be pre-approved by a leaders committee to have consistently demonstrated to the leaders that they are physically capable to properly and safely handle the firearm, and are willing to comply with safety rules.
- Shotgun & .22 Pistol 4-H'er must be age 12 & older before January 1 of the current year, and be pre-approved by a leaders committee to have consistently demonstrated to the leaders that they are physically able to properly and safely handle the firearm, and are willing to comply with safety rules.
- **Dress Code:** Participants are expected to dress appropriately for the events in which they participate. The 4-H'ers are required to wear the county 4-H t-shirt.
- Footwear Policy: Any participant while on the shooting line or shooting in any outdoor shooting event is
  required to wear shoes that completely cover their feet. Examples of footwear that are not acceptable include, but not limited to: sandals, clogs, crocks, flip-flops, and bare feet.
- Members are encouraged to use their own firearms at the fair. Club guns will be available to use if needed.

#### **DIVISION 458 - ARCHERY**

- BareBow (BB), Compound, Recurve/Long Bow, or Genesis, must be shot with fingers, no sights or stabilizers allowed.
- Freestyle (F), any bow, shot with a mechanical release, sights, stabilizers, and peep sights allowed.

# Enter only one of the following:

D458001.	ARCHERY - BAREBOW - 8-11 Years Old -10	) yards
D458002.	ARCHERY - BAREBOW - 12-14 Years Old -10	) yards
D458003.	ARCHERY - BAREBOW - 15-18 Years Old -10	) yards
D458004.	ARCHERY - FREESTYLE - 8-11 Years Old -10	0 yards
D458005.	ARCHERY - FREESTYLE - 12-14 Years Old -10	0 yards
D458006.	ARCHERY - FREESTYLE - 15-18 Years Old -20	0 yards

#### **DIVISION 461 - BB GUN**

• Course of Fire - 5 meters -10 shots prone, 10 shots standing, 10 shots kneeling, 10 shots sitting (Total of 40 shots).

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D461001. BB GUN - 8 Years Old
D461002. BB GUN - 9 Years Old
D461003. BB GUN - 10 Years Old
D461004. BB GUN - 11 & 12 Years Old
D461005. BB GUN - 13 Years & Older
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# **DIVISION 463 - .22 RIFLE**

- Only .22 long rifle ammunition can be used. Hot loads, such as "stinger" are not permitted.
- Any sights, telescopic or metallic may be used.
- Trigger guard must be present. Any trigger not subject to discharge. In event of accidental discharge, trigger shall be adjusted or gun replaced.
- The stock must be traditionally styled from conventional configurations such as factory rifle stocks or silhouette stocks.
- The barrel can not exceed 30" from face of closed bolt to end of barrel.
- Course of Fire 5 shots prone, 5 shots standing, 5 shots kneeling, 5 shots sitting (Total of 20 shots).

#### Enter only one of the following:

D463001. **.22 RIFLE** - Open Sites D463004. **.22 RIFLE** - Scope

#### **DIVISION 464 - TRAP SHOOTING**

D464001. **TRAP SHOOTING** - 12 - 14 years old before January 1 - Course of Fire - 50 targets - 16 Yards

D464002. TRAP SHOOTING - 15 & older before January 1 - Course of Fire - 25 targets - 16 Yards; 25 - 20 Yards

# **DIVISION 466 - .22 PISTOL**

Forty (40) shots will be fired from 50 feet in the standing position. The program is divided into two stages of 20 shots each:

 Precision Stage - Each contestant will be allowed 6 minutes for each 5 record shots. One target will be posted to fire 10 shots. A 6 minute period for 5 sighting shots will be allowed prior to the shots fired for score.

D466001. **.22 PISTOL** - 12-14 years old before January 1 D466002. **.22 PISTOL** - 15 years old and over before January 1

# **DEPARTMENT NUTRITION, FOODS, & PRESERVATION**

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50

The purpose of Food & Nutrition exhibits is to encourage the knowledge about healthy eating and safe cooking practices. This category has multiple projects that allow 4-H'ers to progress over numerous years. In addition, 4-H'ers will learn different types of cooking methods to improve their knowledge of cuisine. For more resources and materials in this category refer to the resource section at the bottom of the page.

- **1. Supporting Information:** Each exhibit must include the recipe. Recipe may be handwritten, photocopied or typed. Place food on the appropriately 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.
- 2. Criteria for Judging: Exhibits will be judged according to score sheets available at your local Extension office or at <a href="https://go.unl.edu/ne4hfood-nutrition">https://go.unl.edu/ne4hfood-nutrition</a>. 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, commercially prepared seasoning mixes for food preservation and other pre-made mixes entered in other categories will be lowered a ribbon placing.
- **3. Food Projects:** Exhibits should be entered using a disposable pan or plate and covered by a plastic, self-sealing bag. The State Fair is not responsible for non-disposable containers, lost bread boards, China, or glassware.
- **4. 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
- **5. 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 cheese fillings and cream cheese frostings;
  - Any meat item including meat jerky, imitation meat bits (bacon bits, pepperoni, etc);
  - Melted cheese on top of food exhibit (cheese mixed into baked goods is considered safe and will be accepted)
  - Uncooked fruit toppings (i.e., fresh fruit tart).

#### **DIVISION 350 - GENERAL FOODS & NUTRITION**

- E350001.\* **FOOD SCIENCE EXPLORATION** Show the connection between food and science as it relates to food preparation, food safety, food preservation or food production. Exhibit may be a poster or foam core board (not to exceed 22" by 30"), computer based presentation printed off with notes pages, if needed, and dis played in binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity. SF152
- E350002.\* **FOODS** and **NUTRITION POSTER**, **SCRAPBOOK OR PHOTO DISPLAY** project should involve a physical activity or explore a career-related to physical activity or health (personal trainer, sports coach, physical therapist, etc.) This might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22" by 30"), a computer based presentation printed off with notes pages, if needed, and displayed in a binder, an exhibit display, or a written report in a portfolio or notebook. Consider neatness and creativity. SF122

- E350003.\* PHYSICAL ACTIVITY and HEALTH POSTER, SCRAPBOOK OR PHOTO DISPLAY The project should preparation technique or explore a career related to the food industry (caterer, involve a nutrition or food restaurant owner, food scientist, registered dietitian, etc.) This might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22" by 30"); a computer-based presentation printed off with notes pages (if needed) and displayed in a binder; an exhibit display; or a written report in a portfolio or notebook. Consider neatness and creativity. SF122
- E350004.\* COOKING BASICS RECIPE FILE - A collection of 10 recipes from any source. Each recipe must accompany a complete menu in which the recipe is used. An additional 10 recipes may be added each year the 4-Her is in 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 recipes with alcohol (wine, beer, rum, etc.) will be disqualified. SF251

# **DIVISION 401 - COOKING 101**

- County Project Only not eligible for State Fair Competition.
- E401001. **COOKIES** - Any recipe, 4 on a paper plate. **MUFFINS** - Any recipe, 4 on a paper plate. E401002.
- E401003. NO BAKE COOKIE - Any recipe, 4 on a paper plate.
- E401004. CEREAL BAR COOKIE - Any cereal based recipe made in pan and cut into bars or squares for serving.
- GRANOLA BAR Any recipe, 4 on a paper plate. E401005.
- E401006. **BROWNIES** - Any recipe, 4 on a paper plate.
- E401007. **SNACK MIX** Any recipe, at least 1 cup in self-sealing plastic bag.

# **DIVISION 410 - COOKING 201**

- E410001.\* LOAF QUICK BREAD Any recipe, at least 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 guick bread loaf measures approximately 8 ½" x 4 ½" or 9" x 5". If mini-loaf pans are used for exhibit, two loaves must be presented for judging. SF123
- E410002.\* CREATIVE MIXES Any recipe, at least 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: poppy seed quick bread from a cake mix, cake mix cookies, sweet rolls made from readymade bread dough, monkey breads from biscuit dough, streusel coffee cake from a cake mix, etc. Write what you learned about making this product using a mix instead of a homemade recipe or recipe "from scratch". Does it make it better or easier to use a convenience product or mix? Why or why not? SF142
- BISCUITS OR SCONES Four biscuits or scones on a small paper plate. This may be any type of biscuit or E410003.\* scone: rolled or dropped. Any recipe may be used, but it must be a non-yeast product baked from scratch.
- E410004.\* HEALTHY BAKED PRODUCT Any recipe, at least 3/4 of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. Recipe must contain a fruit or vegetable as part of the ingredients (e.g. banana bars, cantaloupe quick bread, zucchini muffins, etc.). SF124
- E410005.\* **COFFEE CAKE** - Any recipe or shape, non-yeast product - at least 3/4 of baked product. May be baked in a disposable pan. Include menu for a complete meal where this recipe is served, following meal planning guidelines suggested in Cooking 201. SF129
- BAKING WITH WHOLE GRAINS Any recipe, at least 3/4 of baked product or 4 muffins/cookies on a E410006.\* paper plate. May be baked in a disposable pan. Recipe must contain whole grains as part of the ingredients (e.g. whole wheat applesauce bread, peanut butter oatmeal cookies, etc.). SF134
- E410007.\* NON-TRADIITONAL 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 3/4 baked product, or 4 muffins or cookies on a paper plate or in a disposable pan. Entry must include supporting information that discusses alternative preparation method and how it compares with traditional method. SF133

# **DIVISION 411 - COOKING 301**

- Any bread item prepared or baked using a bread machine should be entered under Cooking 201, Non-Traditional Baked Product. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.
- E411001.\* WHITE BREAD Any yeast recipe, at least 3/4 of a standard loaf displayed on a paper plate. SF138
- E411002.\* WHOLE WHEAT OR MIXED GRAIN BREAD Any yeast recipe, at least 3/4 of a standard loaf displayed on a paper plate. SF138
- E411003.\* **SPECIALTY ROLLS** Any yeast recipe, 4 rolls on a paper plate. May be sweet rolls, English muffins, kolaches, bagels, or any other similar recipe that makes individual portions. SF138
- E411004.\* **DINNER ROLLS** Any yeast recipe, 4 rolls on a paper plate. May be clover leaf, crescent, knot, bun, bread sticks, or any other type of dinner roll. SF138
- E411005.\* **SPECIALTY BREAD** Any recipe made with yeast) Tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least 3/4 of a full sized baked product. SF141
- E411006.\* **SHORTENED CAKE** NOT FROM A CAKE MIX! At least 3/4 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). SF137

#### **DIVISION 412 - COOKING 401**

- Any bread item prepared or baked using a bread machine should be entered under the Cooking 201. All exhibits
  made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread
  machine for mixing, raising, or baking of the food item.
- E412001.\* **DOUBLE CRUST FRUIT PIE** Made with homemade fruit filling. <u>No egg pastries or cream fillings</u>. No canned fillings or premade pie crusts. May be a double crust, crumb, cut-out or lattice topping. Using an 8-or 9-inch disposable pie pan is recommended. SF144
- E412002.\* **FAMILY FOOD TRADITIONS** Any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or 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, serving the food, and (C) where or who the traditional recipe came from. SF145
- E412003.\* **ETHNIC FOOD EXHIBIT** 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. 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. SF145
- E412004.\* **CANDY** Any recipe, 4 pieces of candy on a paper plate or 1/2 cup. No items containing cream cheese will be accepted (e.g. 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. SF147
- E412005.\* **FOAM CAKE** Original recipe (no mixes) of at least 3/4 of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frosting allowed). SF138
- E412006.\* 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. SF143

# **DIVISION 407 – FOOD PRESERVATION**

- 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.
- Jars 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. Improperly canned or potentially hazardous food items will be
  disqualified.
- **Current Project** Exhibits must have been preserved since the member's previous year's county fair, and not been exhibited at the previous State Fair.
  - Criteria for Judging Exhibits will be judged according to score sheets available at your local Extension office or the State Fairbook at <a href="https://4hfairbook.unl.edu/fairbookview.php/rules">https://4hfairbook.unl.edu/fairbookview.php/rules</a>. Incomplete exhibits will be lowered a ribbon class. Canned food items not processed according to altitude in the county will be lowered one class ribbon. Check with your local extension office or this site <a href="https://food.unl.edu/canning#elevation">https://food.unl.edu/canning#elevation</a> for your county's altitude and how that affects food processing times and pounds of pressure.
  - The altitude in Fullerton is 1,647 and in Genoa it is 1,585.
- **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.
- Recipe/Supporting Information Labeling 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:

4-H Food Preservation Manuals (Freezing, Drying, Boiling Water Bath Canning, Pressure Canning)

USDA Guide to Home Canning <a href="https://nchfp.uga.edu/publications/publications\_usda.html">https://nchfp.uga.edu/publications\_usda.html</a>

Nebraska Extension's Food Website <a href="https://food.unl.edu/food-preservation">https://food.unl.edu/food-preservation</a> or

Extension publications from other states

Ball Blue Book (published after 2009)

- 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 406 - UNIT 1 FREEZING PROJECT MANUAL**

E406001.\* BAKED ITEM MADE WITH FROZEN PRODUCE - Any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a food item preserved by the freezing method done by the 4-H'er. (e.g. 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. SF155

#### **DIVISION 407 - UNIT 2 DRYING PROJECT MANUAL**

- E407001.\* **DRIED FRUITS** Exhibit 3 different examples of 3 different dried fruits. Place each dried fruit food (6-10 pieces of fruit, minimum of 1/4 cup) in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together. SF154
- E407002.\* **FRUIT LEATHER** Exhibit 3 different examples of 3 different fruit leathers. Place a 3-4" sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together. SF154
- E407003.\* **VEGETABLE LEATHER** Exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3-4" sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together. SF154
- E407004.\* **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. SF149
- E407005.\* **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 rubber band or "twisty" to keep exhibit together. SF149
- E407006.\* 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 or in a disposable pan. Recipe MUST include a dried produce/herb item made by the 4-H'er. Ex. Granola bar made with dried fruits, dried cranberry cookies, Italian herb bread, lemon thyme cookies. Supporting information must include both the recipe for the dried produce/herb AND the baked food item. SF156

# **DIVISION 407 - UNIT 3 BOILING WATER CANNING PROJECT MANUAL**

- E408001.\* **1 JAR FRUIT EXHIBIT** Exhibit one jar of a canned fruit. Entry must be processed in a boiling water bath according to current USDA recommendations. SF150
- E408002.\* **3 JAR FRUIT EXHIBIT** Exhibit 3 jars of different canned fruits. May be three different techniques for same type of product, (i.e. applesauce, canned apples, apple pie filling, etc.). Entry must be processed in a boiling water bath according to current USDA recommendations. SF150
- E408003.\* **1 JAR TOMATO EXHIBIT** Exhibit one jar of a canned tomato product. Entry must be processed in a boiling water bath or pressure canner according to current USDA recommendations. SF150
- E408004.\* **3 JAR TOMATO EXHIBIT** Exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a boiling water bath or pressure canner according to current USDA recommendations. SF150
- E408005.\* **1 JAR PICKLED EXHIBIT** Exhibit one jar of a pickled and/or fermented product. Entry must be processed in a boiling water bath according to current USDA recommendations. SF150
- E408006.\* **3 JAR PIČKLED EXHIBIT** Exhibit 3 jars of different kinds of canned pickled and/or fermented products. Entry must be processed in a boiling water bath according to current USDA recommendations. SF150
- E408007.\* **1 JAR JELLED EXHIBIT** Exhibit one jar of a jam, jelly or marmalade. Entry must be processed in a boiling water bath according to current USDA recommendations. SF153
- E408008.\* **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. SF153

#### **DIVISION 407 - UNIT 4 PRESSURE CANNING PROJECT MANUAL**

- E414001.\* 1 JAR VEGETABLE OR MEAT EXHIBIT Exhibit one jar of a canned vegetable or meat. Include only vegetables or meats canned in a pressure canner according to current USDA recommendations.

  SF150
- E414002.\* **3 JAR VEGETABLE EXHIBIT** Exhibit 3 jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to current USDA recommendations. SF150
- E414003.\* **3 JAR MEAT EXHIBIT** Exhibit 3 jars of different kinds of canned meats. Include only meats canned in a pressure canner according to current USDA recommendations. SF150
- E414004.\* QUICK DINNER Exhibit a minimum of 3 jars to a maximum of 5 jars plus menu. Meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3" x 5" file card and attach to one of the jars. Entry must be processed canner according to current USDA recommendations. SF151
- E414005.\* **1 JAR TOMATO EXHIBIT** Exhibit one jar of a canned tomato product. Entry must be processed in a pressure canner according to current USDA recommendations. SF150

# **DEPARTMENT CAKE DECORATING**

#### **DIVISION 417 - CUPCAKE DECORATING**

- Entries not eligible for the State Fair.
- E417001. **SINGLE FROSTED CUPCAKE** Bake and frost a single 2-1/4" to 2-1/2" diameter cupcake. Decorations should be limited to a single layer of frosting.
- E417002. **SINGLE DECORATED 3-D CUPCAKE** Bake and frost a single 2-1/4" to 2-1/2" diameter cupcake. Decorate using edible items such as candies, pretzels, cookies, coconut, etc. Cupcakes not limited to single layer. 3-D creativity encouraged.
- E417003. **CUPCAKE THEME EXHIBIT** Bake and decorate two to five 2-1/4" to 2-1/2" diameter cupcakes. Exhibit should carry out a theme. Decorate using edible items, such as candies, pretzels, cookies, coconut, etc. No limit to creativity.
- E417004. **CUPCAKE CAKE** These cakes use cupcakes as the base and are frosted as one solid cake. These cakes are made to "pull-apart".

# **DIVISION 418 - CAKE DECORATING**

- Entries not eligible for the State Fair
- Optional: Photos may be taken of your cake after judging and you may take your cake home.
- Label your entry by placing your name, address and club name on the bottom of your board.
- All exhibits should be entered on a double or triple thickness cardboard covered with foil, parchment paper, or freezer paper (wax side up).
- Cardboard should be at least 2" bigger than the project. Please use boards that do not need to be returned.
- Cake can be an 8" or 9" round or square or a 9" x 13" cake but must be made from no more than one cake mix.
- Boards should not be wider than 12" wide on one side so they will fit into glass display case for the remainder of the fair
- Use frosting to anchor cookies to cardboard. A border at the base of the cake should be used to give the cake a more finished look. Frosting should be a homemade frosting. Commercial frostings are not eligible.
- Cake Decorating will be divided into three divisions. The determination of which division the cake exhibit falls in will be according to the number of years the 4-H'er has been in the project.

Beginning Class: First and second years in project Intermediate Class: Third and fourth years in project Advanced Class: Fifth year and over in project

# **DIVISION 418 - CAKE DECORATING - BEGINNING**

- E418001. **FOUR DECORATED SUGAR COOKIES -** using any decorating techniques. The four cookies should be identical. Edible foods, fruit or candy may be used to decorate.
- E418002. **FOUR DECORATED CUPCAKES -** using any decorating techniques. The four cupcakes should be identical. Edible foods, fruit or candy may be used to decorate.
- E418003. **DECORATED SINGLE LAYER CAKE** frosted in buttercream. Edible foods, fruit or candy may be used to decorate.
- E418004. **DECORATED CUT-UP CAKE** Any shape created with single layer cakes. Cakes should be frosted with buttercream. Edible foods, fruit or candy may be used to decorate.
- E418005. **PROJECT NOTEBOOK** A notebook of any decorating done by the 4-H'er during the project. Notebook should contain a picture of the project, and techniques or tips used to complete the project, and a date.
- E418006. **SET OF 4 DIFFERENT BORDERS -** with your choice of up to 4 different tips (only 1 tip per border). Use a 6" x 8" foil covered cardboard. Allow 1" of space around the outside for handling. Pipe borders on the 4" x 6" area in the center of the cardboard.
- E418007. **DECORATED ONE LAYER CAKE** using 2-3 different tips in decorating. Record the tips used in the project.
- E418008. **FOUR DECORATED CUPCAKES** using 2-3 different tips in decorating. The four cupcakes should be identical. Record the tubes used in the project.
- E418009. PLATE OF VARIOUS FRUITS OR VEGETABLES decorated with tips. Record tips.

# **DIVISION 418 - CAKE DECORATING - INTERMEDIATE**

- Projects using decorating tips and techniques. All of the projects should use buttercream icing.
- E418010. **PARTY CAKE** Create your own party cake baked in a square, rectangle, round, or heart shaped pan. The cakes may be cut to make another design. Edible foods, fruit or candy may be used to decorate.
- E418011. CAKE decorated with a stencil.
- E418012. **SET OF 4 DIFFERENT BORDERS** with your choice of up to 4 different tips (only 1 tip per border). Use a 6" x 8" foil covered cardboard. Allow 1" of space around the outside for handling. Pipe borders on the 4" x 6" area in the center of the cardboard.

- E418013. **DECORATED COOKIES** Set of four cookies decorated with intermediate technique. 2-3 tips should be used
- E418014. **TWO LAYER 8, 9, OR 10 INCH CAKE -** using 2-3 tips, and including flat surface flower or other design, and a side trim.
- E418015. **FOUR IDENTICAL DECORATING PICKS** made from royal icing. Use 2-3 different tips. Display on a piece of Styrofoam, or on 4 frosted cupcakes.
- E418016. **DECORATED CAKE** of 2 or more tiers of graduated sizes using supports and separator plates. Pillars may be used. Cake should include decorations that require the use of 3-5 decorating tips. Record tips used.
- E418017. **DECORATED CAKE** made from a character pan.
- E418018. **PROJECT NOTEBOOK** A notebook of any decorating done by the 4-H'er during the project. Notebook should contain a picture of the project, and techniques or tips used to complete the project, and a date.

#### **DIVISION 418 - CAKE DECORATING - ADVANCED**

- E418019. **PARTY CAKE** Create your own party cake baked in a square, rectangle, round or heart shaped pan. The cakes may be cut to make another design. Edible foods, fruit or candy may be used to decorate. This project does not require decorating tips.
- The following projects require decorating techniques. Cakes should be frosted in buttercream icing. Buttercream or royal icing should be used for decorations. Artificial/real flowers may be used to enhance the cake:
- E418020. **DISPLAY** of a sugar crystal panoramic item.
- E418021. **MOLDED OR SHAPED OBJECT** (Made from royal icing or fondant). May be displayed on a cake or independent display.
- E418022. **DECORATED CAKE** of 2 or more tiers. Cake should show advanced borders or lattice work.
- E418023. DECORATED CAKE of 2 or more tiers. Cake should show advanced flower making detail.
- E418024. **DECORATED CAKE** of 2 or more tiers. Cake should show advanced use of fondant to cover and decorate cake.
- E418025. **SPECIALTY CAKE** Cake carved/baked in a free form shape by the 4-H'er. Cake should show advanced use of decorating techniques.
- E418026. CAKE decorated using air-brush techniques, and other advanced decorating techniques.
- E418027. **THREE RING BINDER** collection of pictures of cakes made throughout the years a 4-H'er has participated in the cake decorating project. Captions should be included to describe each cake and the skills used. Minimum of 5 pages.

# **DIVISION 419 - CANDY MAKING**

PREMIUMS: Purple-\$3.50, Blue-\$3.00, Red-\$2.50, White-\$1.50

- Display 4 pieces on a small plate, recipe placed under plate, enclosed in a plastic bag.
- E419001. NO-COOK
- E419002. **DIPPED**
- E419003. MOLDED
- E419004. **COOKED**
- E419005. MICROWAVE

# **DIVISION 420 - MISCELLANEOUS**

PREMIUMS: Purple-\$3.50, Blue-\$3.00, Red-\$2.50, White-\$1.50

- One entry per member enrolled in a foods project:
- E420001. **FOOD FLOP** Did something just not go right as you were preparing your food exhibit for the fair? Bring it anyway! Write a paragraph to tell what "flopped" and what you have learned that you will do different the next time!
- E420002. **FAMILY FOOD EXHIBIT, STORY OR POSTER** As a family, do something together related to food. (example: make a food product together to exhibit, write a short story about a family tradition, take pictures of a favorite family activity). Write a story or design a poster (no larger than 24" x 22") depicting your family food exhibit. Tell/show how your family worked together, who did what, etc.

# **DEPARTMENT SAFETY**

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50

In this category 4-H'ers have the opportunity to create exhibits about all-terrain vehicles, fire, and tractor safety. In addition, participants can also create informational exhibits about basic safety strategies. Through involvement in this category, 4-H'ers will be better educated about personal safety and have the knowledge base to educate others about safety. For more resources and materials in this category refer to the resource section at the bottom of the page.

# **DIVISION 440 - SAFETY**

- E440001.\* FIRST AID KIT A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kit's intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items should cover the following areas: airway and breathing, bleeding control, burn treatment, infectious disease protection, fracture care and miscellaneous supplies. Use Citizen Safety Manual, 4-H 425, pages 6 & 7. SF110 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.
- E440002.\* **DISASTER KIT** (Emergency Preparedness) Disaster kits must contain the materials to prepare a person or family for emergency conditions caused by a natural or man-made incident. Selection of materials is left to the exhibitor. Family or group kits must have enough material or items for each person. A description of the kit's purpose, the number of people supported, and a list of individual 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. <u>Please include an explanation of drinking water needs for your disaster kit. Do not bring actual water to the fair in the kit. SF111</u>
- E440003.\* SAFETY SCRAPBOOK The scrapbook must contain 15 news articles from print and/or internet sources about various incident types. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The scrapbook should be bound in a standard size hardcover binder or notebook for 8 1/2" X 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging. SF292
- E440004.\* **SAFETY EXPERIENCES** The exhibit should share a learning experience the youth had related to safety. Examples could be participating in a first aid or first responder training, a farm safety day camp, babysitting workshop or similar event, scientific experiment related to safety, or the youth's response to an emergency situation. The exhibit should include a detailed description of the experience, the youth's role, some evidence of the youth's leadership in the situation, and a summary of the learning that took place. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes. SF190
- E440005.\* CAREERS IN SAFETY The exhibit should identify a specific career area in the safety field and include education and certification requirements for available positions, salary information, demand for the field and a summary of the youth's interest in the field. Examples of careers include firefighters, paramedics, emergency management personnel, some military assignments, law enforcement officers, emergency room medical personnel, fire investigator, and more. It is recommended youth interview a professional in the field in their research. Additional research sources might include books, articles, career web sites, job-related government web sites, or interviews with career placement or guidance counselors. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes. SF191

# **DIVISION 442 - ATV**

- E442001. **SAFETY POSTER** 14" x 22" Six photos of yourself demonstrating safety measures necessary for **ATV** operation.
- E442002. **SAFETY SCRAPBOOK** Journal of your ATV safety practices.
- E442003. **DEMONSTRATION DISPLAY** Show some part or system of an ATV, worn or broken part, step-by-step repair procedure, etc. Include a brief description. Display on a board 24" high x 32" wide and 1/4" thick.
- E442004. **YOU BE THE TEACHER** Educational notebook, display, collection of materials that relate to the project. Include an 8 1/2" x 11" page describing exhibit and summary of learning.

# **DIVISION 450 - FIRE SAFETY**

E450001.\* **FIRE SAFETY POSTER** - This is a home floor plan drawn to scale showing primary and secondary escape routes and where fire extinguishers and smoke detectors are located. Draw every room, including all doors and windows. Use **black or blue** arrows showing **primary** escape routes from each room. Use **red** arrows showing **secondary** routes to use if the primary routes are blocked. Primary and secondary escape routes must lead outside to an assembly location. Documentation should include evidence the escape plan has been practiced at least four times. Posters must be constructed of commercial poster board at least 11" x 14" but not larger than 22" x 28". SF269

- E450002.\* **FIRE SAFETY SCRAPBOOK** This 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 1/2" x 11" paper. Correct sentence structure, readability and thorough explanations are an important part of judging. SF270
- E450003.\* **FIRE PREVENTION POSTER** Posters should promote a fire prevention message and be appropriate to display during National Fire Prevention Week or to promote fire safety at specific times of the year (Halloween, 4th of July, etc.). Originality, clarity and artistic impression will all be judged. Do not include live fireworks, matches or other flammable/explosive/hazardous materials. Any entry containing this material will be disqualified. Posters must be constructed of commercial poster board at least 11" x 14" but not larger than 22" x 28". SF268

#### **DIVISION 441 - BICYCLES/CYCLING**

- E441001. **BICYCLE SAFETY POSTER** 14" x 22" either vertical or horizontal arrangement. May be in any medium watercolor, ink, crayon, etc., so long as they are not three-dimensional.
- E441002. **BICYCLE DEMONSTRATION DISPLAY** to be exhibited by an individual. Exhibit may include: 1) parts 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-aways of parts are recommended. The exhibit is to be prepared on a 24" high x 32" wide board not to exceed 1/4" in thickness.
- E441003. **DOCUMENTED BIKE RIDING TRIP** Include a written report using a notebook or scrapbook showing a bike ride or trip you have made using your bike.
- E441004. **YOU BE THE TEACHER** Share with others what you learned in the project. Exhibit may be a notebook or small display of an educational nature.

# **DEPARTMENT ENTREPRENEURSHIP**

PREMIUMS: Purple-\$4.00; Blue-\$3.50; Red-\$3.00; White-\$2.00

# **GENERAL INFORMATION:**

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

#### **EXHIBIT GUIDELINES:**

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

#### **DIVISION 531 - ENTREPRENEUR INVESTIGATION**

- F531001.\* **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 have learned through this Interview change your future plans or ways of thinking about business? (Based on pages 2.1 2.4 of manual)
- F531002.\* **SOCIAL ENTREPRENEURSHIP PRESENTATION** Prepare a five slide PowerPoint 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. 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.
- F531003.\* MARKETING PACKAGE (Mounted on a 14" x 22" poster) Must include at least three items (examples) developed by the 4-Her from the following list: business card, brochure, advertisement, business promotional piece, printout of an internet home page, packaging design, signs, logo design, direct mail piece, etc. The marketing package should be for an original business developed by the 4-Her and not an existing business.

- F531004.\* **SAMPLE OF AN ORIGINAL PRODUCT** With an information sheet (8 1/2 " x 11") answering the following questions:
  - What did you enjoy the most about making the product?
  - What challenges did you have when making the product? Would you do anything differently next time? If so, what?
  - What is the suggested retail price of the product? How did you decide on the price?
  - Market analysis of the community data gathered through a survey of potential customers.
    - ⇒ Use the three questions on page 3.3 and survey at least 10 people in your community about your product.
  - How much would you earn per hour? Show how you determined this figure.
  - What is unique about this product?
- F531005.\* PHOTOS OF AN ORIGINAL PRODUCT Mounted on a 14" x 22" poster. Must include three photos of developed product and a mounted information sheet answering the following questions. If exhibiting in both Class F531004 and Class F531005, products must be entirely different products.
  - What did you enjoy the most about making the product?
  - What challenges did you have when making the product? Would you do anything differently next time? If so, what?
  - What is the suggested retail price of the product? How did you decide on the price?
  - Market analysis of the community data gathered through a survey of potential customers.
    - ⇒ Use the three questions on page 3.3 and survey at least 10 people in your community about your product.
  - How much would you earn per hour? Show how you determined this figure.
- F531006.\* **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 you creativity to show and share what you learned. **Select your five (5) challenges from the list below:** 
  - 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 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.).

#### **DEPARTMENT PERSONAL DEVELOPMENT & LEADERSHIP**

PREMIUMS: Purple-\$3.00, Blue-\$2.00, Red-\$1.50, White-\$1.00

#### **DIVISION 532 - SERVING AS A JUNIOR LEADER**

- F532001. **HELPING ACTIVITY POSTER** Example on page 9 of Serving as a Jr. Leader Manual. Follow poster guidelines.
- F532002. **OUTLINE OF SPECIFIC LEADERSHIP ACTIVITY** with showing of steps to accomplish your goal, results, what you'd do differently next time, and what you have learned.
- F532003. SCRAPBOOK OF AN ACTIVITY you helped with while serving as a Jr. Leader.
- F532004. **POSTER OF AN ACTIVITY** you helped with while serving as a Jr. Leader.
- F532005. **CWF EXHIBIT** PowerPoint, poster, scrapbook or other exhibit from the Citizenship Washington Focus Trip.

# **DIVISION 533 - LEADERSHIP**

- 4-H'ers will develop exhibits that show what they have learned. The exhibit may include but is not limited to: posters, 14"x 22"; notebooks, 8 1/2"x1"; PowerPoint with copy of slides; scrapbook, any size; or any other means that would best show skills learned in the project to accomplish exhibit. Leadership manuals include: My Leadership Workbook for grades 3-5, My Leadership Journal for grades 6-8; and My Leadership Portfolio for grades 9-12.
- F533001. **My Treasure Chest** Develop an exhibit that shows your skills as a leader and/or skills that you would like to achieve to become a better leader. Exhibit could be a poster or collage of skills.

- F533002. **Plan a Vacation** Follow guidelines from My Leadership Workbook, pages 26-27, on Step Out and Step Inward Activities to help you develop a vacation timeline to depict what needs to be completed to have a successful vacation. Exhibit could be a poster, notebook or calendar with steps listed and dated.
- F533003. **Goal Setting** Write three goals that you want to achieve. When writing your goals consider what actions you must take to reach these goals, how you are going to do it and when you are going to do it. Make sure your three goals include all three parts. Clearly defined goals make it easier to determine how to achieve the desired results. (Examples: "I want people to like me" is unclear. "I want to make three new 4-H friends this year" is clear.)
- F533004. **Career Essay** Choose a career and job shadow in that career. Write a 1-2 page essay to share your experience and what you learned. What type of leadership skills did this person utilize in their position? What goals will you set as a result of this experience?
- F533005. **Get Organized** Develop a plan for organizing your room. Show pictures and what steps were taken to complete the task. Complete Step Out and Step Inward Activities on pages 22-23 of the manual.
- F533006. Educational Display or Poster About Leadership

# **DEPARTMENT AGRONOMY**

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50

- 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.

#### **DIVISION 750 - FIELD CROPS**

# **Grain or Plant Exhibits**

- IMPORTANT: A two page (maximum) essay must accompany grain and plant exhibits. The essay 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. The essay 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 essay counts as 50% of the total when judged. Essay must be the original work of the individual exhibitor. Attach the essay to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the essay, 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. 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.
- 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 a ground level or half size small square bale.

#### **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. 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.

# **DIVISION 750 - FIELD CROPS**

G750001.\* **CORN** - (includes yellow, white, pop, waxy, or any other type)

G750002.\* **SOYBEANS** 

G750003.\* OATS

G750004.\* WHEAT

- G750005.\* **ANY OTHER CROP** (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)
- G750006.\* **CROP PRODUCTION DISPLAY** The purpose of this class is to allow original and creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, pest management, etc.
- G750007.\* **CROP TECHNOLOGY DISPLAY** Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.
- G750008.\* **CROP END USE DISPLAY** Display information about the final product or end uses for a crop, such as food, feed, fuel, or other products. (i.e. corn can be processed into livestock feed, ethanol, plastics, etc. or soybeans can be processed into bio-diesel, pet bedding, crayons, oil, etc.)
- G750009.\* **WATER OR SOIL DISPLAY** Display information about water or soils, such as how soils are being used for crop production, range, conservation, wildlife, or wetland use, or ways to protect or conserve water and soil resources.
- G750010.\* **CAREER INTERVIEW DISPLAY** The purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview one person that works with crops about such topics as, what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed.
- G750011.\* 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 arrange ment 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 es say (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.
- G750012.\* SPECIAL AGRONOMY PROJECT -VIDEO PRESENTATION 4-H exhibitor designs a multimedia presenta tion 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, Email a link of the video to the superintendents to anygren2@unl.edu or brandy.vandewalle@unl.edu by August 15th.
- G750013.\* SPECIAL AGRONOMY PROJECT (FRESHLY HARVESTED CROP) Plant exhibits must be the result of the current year's project. Depending on the type of crop selected for the current year:

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

Grain Sorghum - 4 stalks (cut at ground level and bound together)

Soybeans - 6 stalks (cut at ground level and bound together)

Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24" inches long.

Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level.

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

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

Scientific name: Abutilon theophrasti Medik.

Common name: Velvetleaf

County of collection: Nance County

Collection date: 6 July 2019 Collector's name: Dan D. Lion Personal collection number: 3

Life cycle: Annual

#### **DIVISION 751 - WEED SCIENCE**

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).

#### Books - Classes 1-2:

- Plants must be mounted on sheets that are no larger than 14" <u>inches</u> wide by 14" <u>inches</u> 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 clover.
- Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements. Refer to Scoresheet SF261.
- 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.
- 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" inches by 28" inches 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.
- G751001.\* **WEED IDENTIFICATION BOOK** A collection of a minimum of 15 plant mounts including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plumeless thistle, saltcedar, leafy spurge, purple 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.
- G751002.\* LIFE SPAN BOOK A collection of 7 perennials, 1 biennial, and 7 annual weeds.
- G751003\* **WEED DISPLAY -** The purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide resistant weeds, what makes a weed a weed, or uses for weeds.

#### DEPARTMENT FLORICULTURE

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50

# **DIVISION 770 - FLORICULTURE, EDUCATIONAL EXHIBITS & HOUSEPLANTS**

# **GENERAL INFORMATION**

- Cut Flower Annuals and Biennials 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis
- Classes 1-23: Cut Flower Annuals and Biennials 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.
- Classes 30-46: Cut Flower Perennials 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.
- The cultivar or variety name must be included on all entry cards. If potted container with several cultivar or varieties identify each individually within the pot. Failure to identify the cultivar or variety will drop the entry one ribbon placing. 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. In classes 23, 45 & 46, do not duplicate entries from the already listed classes or entry will be dropped one ribbon placing. For example 4-H'ers with two cultivars or varieties of marigolds can only enter the mari gold class and cannot enter the other cultivar or variety in any other class. A perennial is defined as a plant of which the crown overwinters. An annual is a plant that grows from seed each season, whether self-seeded or planted by the gardener. A biennial is a plant that germinates, grows and overwinters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.
- All 3 or 5 stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors. Containers will
  not be judged; however, they should be CLEAR GLASS CONTAINERS that won't tip over (No plastic containers at
  State Fair) and of adequate size to display blooms. Any exhibit not in a clear glass container will be dropped one
  ribbon placing. NO SCREW ON LIDS OR SCREW ON RINGS AND FLATS MAY BE USED. To hold flowers in
  place it is suggested to use tin foil or a type of plastic wrap with holes poked into it or frog lids. Containers may not
  be returned from State Fair.

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G770001.* ASTER
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G770002.\* BACHELOR BUTTONS

G770003.\* BELLS OF IRELAND

G770004.\* BROWALLIA

G770005.\* CALENDULA

G770006.\* **CELOSIA** (crested or plume) (3 stems)

G770007.\* COSMOS

G770008.\* DAHLIA

G770009.\* **DIANTHUS** 

G770010.\* FOXGLOVE

G770010.\* GLADIOLUS (3 stems)
G770012.\* GOMPHRENA
G770013.\* HOLLYHOCK (3 stems)

G770014.\* **MARIGOLD** 

G770015.\* PANSY

G770016.\* **PETUNIA** 

G770017.\* **SALVIA** 

G770018.\* SNAPDRAGON

G770019.\* STATICE

G770020.\* SUNFLOWER (under 3" diameter - 5 stems; 3" or more in diameter - 3 stems)

G770021.\* **VINCA** G770022.\* ZINNIA

G770023.\* ANY OTHER ANNUAL OR BIENNIAL (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems) (Do not duplicate entries in Classes 1-22).

**Cut Flower Perennials** - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

G770030.\* ACHILLEA / YARROW

G770031.\* CHRYSANTHEMUM

G770032.\* CONEFLOWER

G770033.\* **COREOPSIS** 

G770034.\* **DAISY** 

G770035.\* GAILLARDIA

G770035.\* GAILLARDIA
G770036.\* HELIANTHUS
G770037.\* HYDRANGEA (3 stems)
G770038.\* LIATRIS (3 stems)
G770039.\* LILIES (3 STEMS) (Not Daylilies)
G770041.\* POSE (3 stems)

G770041.\* ROSE (3 stems)

G770042.\* RUDBECKIA/BLACK-EYED SUSAN

G770043.\* **SEDUM** 

G770044.\* **STATICE** 

G770045.\* ANY OTHER PERENNIAL (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems) (Do not duplicate entries in Classes 30-43)

G770046.\* 4-H FLOWER GARDEN COLLECTION OF 5 DIFFERENT FLOWERS - Each flower in the collection should be exhibited with the number specified for classes 1-45. Display in a box or other holder not more than 18" in any dimension. Boxes will not be returned at State Fair. Do not duplicate entries in classes 1-45 with any in the group collection.

#### **DIVISION 770 - EDUCATIONAL EXHIBITS**

- G770050.\* FLOWER NOTEBOOK Exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. Bulbs may be included in a separate section. 4-Hers may show more than one cultivar of the same species, but they will only count as one species. The notebook must be the result of the current year's work. Pictures from garden catalogs, hand drawn pictures, or photographs may be used. Each species/ cultivar must be labeled with the correct common name and scientific name; the height and spread of the plant and the growing conditions (for example: needs full sun and dry sandy soil) the species prefers. In addition to this information, bulbs should also be labeled as spring or summer flowering. Give proper credit by listing the sources of pictures and information used. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the notebook. SF100.
- G770051.\* FLOWER GARDEN PROMOTION POSTER Individual poster promoting flower gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium: watercolor, ink, crayon, etc. as long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster. SF103.

- G770052.\* **EDUCATIONAL FLOWER GARDEN POSTER** Prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H flower or houseplant project. One might show a special technique used or equipment incorporated in the garden. Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster. SF104.
- G770053.\* **FLOWER GARDENING HISTORY INTERVIEW** Neatly handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the report cover. SF105.

#### **DIVISION 770 - HOUSEPLANTS**

• Youth may enter a maximum of three (3) entries in classes 50-66.

# **Container Grown Houseplants**

- Container Grown Houseplants: The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container. Identify each plant individually if more than one cultivar or variety. Houseplants should be grown in the display container for a minimum of six weeks. Plants grown as houseplants must be used. NebGuide G2205 "Guide to Growing Houseplants" and NebGuide G837 "Guide to Selecting Houseplants" includes a listing of common houseplants. Containers of annual flowers or annual plants (i.e. petunias, geraniums, impatiens) will be disqualified and will not be judged.
- Entries in Classes 60-66 must have been designed and planted by the 4-H member.
- Any container plant, (flowering or foliage potted houseplants, dish gardens, fairy or miniature gardens, desert gardens or terrariums) shall be in containers no larger than 12 inches (use inside opening measurement) in any dimension of length or width. No combination of pots may be used. All potted plants are to be in a one pot container. Any container grown plant in Classes 60-66 that is does not follow these guidelines will be dropped one ribbon placing.
- Classes 60-65 exhibitors must have and provide a saucer to catch drainage water. The 4-H members name, age county, and years in the project(s) must be on the bottom or back of the container and saucer.
- G770060.\* FLOWERING POTTED HOUSEPLANT(S) that are blooming for exhibition Non-blooming plants will be disqualified.
- G770061.\* FOLIAGE POTTED HOUSEPLANT(S) of all the same variety.
- G770062.\* HANGING BASKET of flowering and/or foliage houseplants.
- G770063.\* **DISH GARDEN** an open/shallow container featuring a variety of houseplants excluding cacti and succulents.
- G770064.\* **FAIRY OR MINIATURE GARDEN** A miniature "scene" contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e. bench, fence made from tiny twigs, small shell for a bath tub, etc.
- G770065.\* DESERT GARDEN an open/shallow container featuring cacti and/or succulents grown as houseplants.
- G770066.\* TERRARIUM a transparent container, partially or completely enclosed; sealed or unsealed.

# **DEPARTMENT HORTICULTURE**

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50

# **GENERAL INFORMATION**

- 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. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. In classes 252, 255, 268, 269, 285, and 286 do not duplicate entries from any of the other classes or entry will be dropped one ribbon placing. For example: 4-H'ers with two cultivars or varieties of red tomatoes can only enter the red tomatoes class and cannot enter the other cultivar or variety in any other vegetable class. Score Sheet SF108.
- Vegetables (Classes 1-56) Class, Vegetable, Number's to Exhibit
- Herbs (Classes 60-69) Herbs will be judged using the same general criteria used for vegtables. Those grown mainly for their seed, such as dill and caraway, should be exhibited on a plate. Those grown for their leaves such as basil, parsley, etc. should be exhibited in a CLEAR GLASS CONTAINER of water (no plastic containers at State Fair). Any exhibit not in a clear glass container will be dropped one ribbon placing. NO SCREW ON LIDS OR SCREW ON RINGS AND FLATS MAY BE USED. To hold herb leaves in place it is suggested to use tin foil or a type of plastic wrap with holes poked into it or frog lids. Containers may not be returned from State Fair. Potted herb plants will be disqualified and will not be judged. Score Sheet SF108.

Fruits (Classes 80-86) 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. Score Sheet SF108.

Follow the guidelines in "Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit" 4H226 (revised June 2013), available at the extension office.

# **DIVISION 773 - VEGETABLES, HERBS, FRUITS & EDUCATIONAL EXHIBITS**

<u>CLASS</u>	<u>VEGETABLE</u>	# TO EXHIBIT
G773201.*		12
	SNAP BEANS	12
	WAX BEANS	
	BEETS	
	BROCCOLI	
G773206.*	BRUSSELS SPROUTS	12
G773207.*	GREEN CABBAGE	2
G773208.*	RED CABBAGE	2
G773209.*	CARROTS	5
G773210.*	CAULIFLOWER	2
G773211.*	SLICING CUCUMBERS	2
	PICKLING CUCUMBERS	
	EGGPLANT	
	KOHLRABI	
G773215.*	MUSKMELON/CANTALOUPE	2
	OKRA	
	YELLOW ONIONS	
	RED ONIONS	
	WHITE ONIONS	
	PARSNIPS	
G773221.*	BELL PEPPERS	2
		/E for Ctata Fair)
G773222.*	SWEET (NON-BELL) PEPPERS	5
G773223 *	JALAPENO PEPPERS	5
G773224 *	HOT (NON-JALAPENO) PEPPERS	5 5
	WHITE POTATOES	
	RED POTATOES	
	RUSSET POTATOES	
	OTHER POTATOES	
	PUMPKIN	
G773230 *	MINIATURE PUMPKINS (Jack Be Little type)	<u>2</u> 5
G773231 *	RADISH	5
	RHUBARB	
	RUTABAGA	
	GREEN SUMMER SQUASH	
	YELLOW SUMMER SQUASH	
	WHITE SUMMER SQUASH	
	ACORN SQUASH	
	BUTTERNUT SQUASH	
	BUTTERCUP SQUASH	
	OTHER WINTER SQUASH	
	SWEET CORN (in husks)	
	SWISS CHARD	
G773242.	RED TOMATOES (2" or more in diameter)	5 5
	ROMA OR SAUCE-TYPE TOMATOES	
G773245 *	SALAD TOMATOES (under 2" diameter)	12
G773246 *	YELLOW TOMATOES (under 2 diameter)	12 5
	TURNIPS	
	WATERMELON	
	DRY EDIBLE BEANS	
G113248.	GOURDS, MIXED TYPES	i þirit
G113230.	GOURDS, MIXED 117ES	ວ
	ANY VEGETABLE THAT	
0113232.	DOESN'T FIT IN ANY OTHER CLASS (Do not duplicate entries in Classes 201-251)	
	- 18 8 508 1 1 1 10 AM L GALDER GLASS (170 10) (10) (10) (20) BENDES (11 128888 70 1275 (1	

- G773255.\* **4-H VEGETABLE GARDEN COLLECTION OF FIVE KINDS OF VEGETABLES** Display Garden Collection in a box not more than 24" in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252). Do not duplicate entries in classes 201-252 with any in the group collection.
- G773256.\* **4-H CULTIVAR VEGETABLE COLLECTION** Vegetables entered in the collection are 5 cultivars from a single exhibit; for example 5 cultivars of all types of peppers or squash or onions or tomatoes, etc. Display in a box not more than 24" in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging; but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252).
- G773257. MOST UNUSUAL HOT PEPPER Bring the craziest eggplant you have grown.
- G773258. BEST DRESSED/DEORATED HOT PEPPER- Exhibit one or a group. Can use store bought hot pepper.

#### **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 and will not be judged.
- SF108.

G773260.* <b>BASIL</b>	. 5
G773261.* <b>DILL</b> (dry)	. 5
G773262.* <b>GARLIC</b> (bulbs)	. 5
G773263.* MINT	. 5
G773264.* <b>OREGANO</b>	
G773265.* <b>PARSLEY</b>	
G773266.* <b>SAGE</b>	
G773267.* <b>THYME</b>	_
G773268.* ANY OTHER HERB	
	-
(Do not duplicate entries in Classes 260-267) G773269.* <b>4-H HERB GARDEN DISPLAY OF 5 DIFFERENT HERBS</b> - Displayed in a box or other holder not more	

G773269.\* **4-H HERB GARDEN DISPLAY OF 5 DIFFERENT HERBS** - Displayed in a box or other holder not more than 18" in any dimension. Boxes will not be returned at State Fair. Each herb in the collection should be exhibited with the number specified for classes 260-268. Do not duplicate entries in classes 260-268 with any in the group collection.

#### **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.
- SF108.

G773280.*	STRAWBERRIES (everbearers)	1 pint
G773281.*	GRAPES	2 bunches
G773282.*	APPLES	5
	PEARS	
	WILD PLUMS	
G773285.*	OTHER SMALL FRUIT OR BERRIES	1 pint
	(Do not duplicate entries in Classes 280-284)	•
G773286.*	OTHER FRUITS OR NUTS	5
	(Do not duplicate entries in Classes 280-284)	

# **DIVISION 773 - EDUCATIONAL EXHIBITS**

- G773290.\* GARDEN PROMOTION POSTER Individual poster promoting vegetable or herb gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium so long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be attached to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster. SF103.
- G773291.\* **EDUCATIONAL VEGETABLE OR HERB GARDEN POSTER** Prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-Her has done or learned about in a 4-H vegetable gardening project. One might show a special technique used or equipment incorporated in the garden (e.g., drip irrigation system, composting, or special techniques learned). Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be attached to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.
- G773292.\* VEGETABLE AND/OR HERB GARDENING HISTORY INTERVIEW Neatly handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the report cover. SF105.
- G773293.\* **VEGETABLE SEED DISPLAY** Each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and Legume (pea) families, plus representatives from 5 other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22" x 24". Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several examples of beans may be shown. Attach a card to the back of the display explaining why and how it is important to know which vegetables are related, and cite references on where the scientific name information was found. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the display. Information on vegetable family members can be obtained from your Extension office. SF101.
- G773294.\* WORLD OF VEGETABLES NOTEBOOK Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (e.g. Mexican, African, Chinese, Italian, etc.). Include a report telling about a minimum of 5 vegetables and/or herbs from each country chosen. Include the scientific and common names; pictures of the plants from your garden or seed catalogs; tell how they are grown; and how t he 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. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the report cover or notebook. SF102

# **DIVISION 775 - SPECIAL GARDEN PROJECT**

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50

- G775001.\* **SPECIAL GARDEN PROJECT** The educational exhibit is based on what was learned from the project. Present information on a poster 14" x 22" or in a clear plastic report cover. The 4-H member's name, age, full address, an county must be on the back of the poster or report cover. SF109.
- G775002.\* FRESH CUT FLOWERS OR HARVESTED VEGETABLES the current years' Special Gardening Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if Special Gardening Project is a fresh cut flower (SF106). Refer to classes 201-252 for quantity to exhibit if Special Gardening Project is a vegetable (SF108).
- G775003. **PICTURE/PHOTOGRAPH** This class is up to you, as long as it includes the special garden project and what you learned! Please include an 8" x 10" picture/photo mounted on 14" x 22" poster board with a caption.
- G775004. **STORY** Tell a story about your first experience with the special garden project: growing, picking or eating the pods or flowers. Be sure to include a picture(s)/photograph(s).
- G775005. **ESSAY** Write an essay about what you've learned about the special garden project and growing them. Be sure to include things you would change next time and a picture(s)/photograph(s).
- G775006. **POEM** Write a poem about some aspect of the special garden project: growing, harvesting, tasting, insects it attracts, the choice is yours! Exhibit in a clear plastic report cover.
- G775007. CHOICE Your choice of a project, but be sure it includes something about the special garden project.

# 4-H State Fair Livestock Fairbook Summary of Changes for 2024

# **Exhibitor Age Requirements**

4-H member that is 8 years of age before January 1 of the current year with the last year of eligibility being 4-H age of 18.

# **Showmanship Age Divisions**

- Junior Showmanship (ages 8 to 10 before January 1 of the current year)
- Intermediate Showmanship (ages 11 to 13 before January 1 of the current year)
- Senior Showmanship (ages 14 to 18 before January 1 of the current year)

# **Awards**

Exhibitors will receive awards for the Division Champions, Reserve Division Champions, Grand Champion Overall, Reserve Grand Champion Overall, and 3rd Overall. Only entries receiving a purple ribbon are eligible to receive champion and reserve awards.

# **Entry Limits**

- A 4-H member may exhibit up to 5 beef.
- A 4-H member may exhibit up to 4 sheep.
- A 4-H member may exhibit up to 4 goats.
- A 4-H member may exhibit up to 6 hogs.
- A 4-H member may exhibit up to 6 rabbits.
- A 4-H member may exhibit up to 6 live birds

<ul><li>Sheep</li><li>New Breed Class (Market and Breeding:</li><li>All Hair Breeds</li></ul>	Goat Market goats will show in separate classes; Market Wethers and Market Does (until final selection)
Swine New Breed Classes (Market & Breeding) Tamworth and Landrace	Rabbit New Breed Classes (Fancy): Blue Holicer and Czeck Frosty
<ul><li>Dog Skillathon</li><li>Added a Junior Skillathon Division</li><li>Rotated breed ID picture topics</li></ul>	

Please note: This document does not include every edit to each fairbook. Please review each individual species fairbook at https://4h.unl.edu/state-fair-livestock-exhibitor. PDF documents are available with all changes highlighted in blue font.

#### **DEPARTMENT ANIMALS**

# NOTICE—YOUTH LIVESTOCK PRODUCERS

Youth livestock producers who are enrolled in production animal projects need to understand that they have an obligation to become responsible food producers. The animals involved in 4-H production projects are no different than animals produced by the commercial or seedstock livestock operations. Youth livestock producers use the same technology available to adult counterparts in the livestock industry. Market animals eventually appear in the food chain and are made available to the consuming public.

Today's modern consumer is more concerned about the quality and safety of the food supply available for their use. Recent use of illegal compounds plus the use of questionable animal management practices by individuals exhibiting market animals has caused people from all segments of the livestock industry to question the value and integrity of youth livestock shows and the educational efforts of the extension service and show management.

If questionable actions are found or discrepancies against county policy are found to be suspected, the superintendent of that show reserves the right to test the animal at the superintendent's discretion.

# IAFE (INTERNATIONAL ASSOCIATION OF FAIRS AND EXPOSITIONS) NATIONAL CODE OF SHOW RING ETHICS

Exhibitors of animals at livestock shows shall at all times deport themselves with honesty and good sportsmanship. Their conduct in this competitive environment shall always reflect the highest standards of honor and dignity to promote the advancement of agricultural education. This code applies to junior as well as open class exhibitors who compete in structured classes of competition. This code applies to all livestock offered in any event at a livestock show.

All youth leaders working with junior exhibitors are under an affirmative responsibility to do more than avoid improper conduct or questionable acts. Their moral values must be so certain and positive that those younger and more pliable will be influenced by their fine example. Exhibitors who violate this code of ethics demean the integrity of all livestock exhibitors.

# **ETHICS**

Nebraska 4-H Livestock Programs strive to create an atmosphere that encourages good character, accountability and ethical decision making. The International Association of Fairs and Expositions (IAFE) National Code of Show Ring Ethics outlines a number of specific guidelines for all exhibitors and others involved with 4-H livestock projects. In summary, these guidelines expect the following:

**Exhibitors:** Exhibitors of animals at livestock shows shall at all times deport themselves with honesty and good sportsmanship. Exhibitors' conduct in this competitive environment shall always reflect the highest standards of honor and dignity to promote the advancement of agricultural education. This code applies to all livestock offered in any event at a livestock show. In addition to the "IAFE National Code of Show Ring Ethics," fairs and livestock shows may have rules and regulations which they impose on the local, county, state, provincial and national levels.

**Youth Leaders:** All youth leaders working with junior exhibitors are under an affirmative responsibility to do more than avoid improper conduct or questionable acts. Their moral values must be so certain and positive that those younger and more pliable will be influenced by their fine example. Parents, owners, exhibitors, fitters, trainers and absolutely responsible persons who violate the code of ethics will forfeit awards and auction proceeds and shall be prohibited from future exhibition in accordance with the rules adopted by the respective fairs and livestock shows. Exhibitors who violate this code of ethics demean the integrity of all livestock exhibitors and should be prohibited from further competition.

# The following is a list of guidelines for all exhibitors and all livestock in competitive events:

- 1. All exhibitors must present, upon request of fair and livestock show officials, proof of ownership, length of ownership and age of all animals entered. Misrepresentation of ownership, age, or any facts relating thereto is prohibited.
- 2. Owners, exhibitors, fitters, trainers, or absolutely responsible persons shall provide animal health certificates from licensed veterinarians upon request by fair or livestock show officials.
- 3. Junior exhibitors are expected to care for and groom their animals while at fairs or livestock shows.
- 4. Animals shall be presented to show events where they will enter the food chain free of violative drug residues. The act of entering an animal in a livestock show is the giving of consent by the owner, exhibitor, fitter, trainer and/or absolutely responsible person for show management to obtain any specimens of urine, saliva, blood, or other substances from the animal to be used in testing. Animals not entered in an event which culminates with the animal entering the food chain shall not be administered drugs other than in accordance with applicable federal, state and provincial statutes, regulations and rules. Livestock shall not be exhibited if the drugs administered in accordance with federal, state and provincial statutes, regulations and rules affect the animal's performance or appearance at the event.
  - If the laboratory report on the analysis of saliva, urine, blood, or other sample taken from livestock indicates the presence of forbidden drugs or medication, this shall be prima facie evidence such substance has been administered to the animal either internally or externally. It is presumed that the sample of urine, saliva, blood, or other substance tested by the laboratory to which it is sent is the one taken from the animal in question, it's integrity is preserved and all procedures of said collection and preservation, transfer to the laboratory and analysis of the sample are correct and accurate and the report received from the laboratory pertains to the sample taken from the animal in question and correctly reflects the condition of the animal at the time the sample was taken, with the burden on the owner, exhibitor, fitter, trainer, or absolutely responsible person to prove otherwise.
  - At any time after an animal arrives on the fair or livestock show premises, all treatments involving the use of drugs and/or medications for the sole purpose of protecting the health of the animal shall be administered by a licensed veterinarian.
- 5. Any surgical procedure or injection of any foreign substance or drug or the external application of any substance (irritant, counterirritant, or similar substance) which could affect the animal's performance or alter its natural contour, conformation, or appearance, except external applications of substances to the hoofs or horns of animals which affect appearance only and except for surgical procedures performed by a duly licensed veterinarian for the sole purpose of protecting the health of the animal, is prohibited.
- 6. INHUMANE TREATMENT OF ANIMALS: Abuse of animals in any form will not be allowed. 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.
- 7. The act of artificially filling of animals internally, which includes stomach pumping, drench tubes or any other method per os (by esophagus), is prohibited.
- 8. Direct criticism or interference with the judge, fair or livestock show management, other exhibitors, breed representatives, or show officials before, during, or after the competitive event is prohibited. In the furtherance of the official duty, all judges, fair and livestock show management, or other show officials shall be treated with courtesy, cooperation and respect and no person shall direct abusive or threatening conduct toward them.
- 9. No owner, exhibitor, fitter, trainer, or absolutely responsible person shall conspire with another person or persons to intentionally violate this code of ethics or knowingly contribute or cooperate with another person or persons either by affirmative action or inaction to violate this code of ethics. Violation of this rule shall subject such individual to disciplinary action.
- 10. The application of this code of ethics provides for absolute responsibility for an animal's condition by an owner, exhibitor, fitter, trainer, or participant whether or not he or she was actually instrumental in or had actual knowledge of the treatment of the animal in contravention of this code of ethics.
- 11. The act of entering an animal is the giving of consent by the owner, exhibitor, fitter, trainer, or absolutely responsible person to have disciplinary action taken by the fair or livestock show for violation of this Code of Show Ring Ethics and any other rules of competition of the fair or livestock show without recourse against the fair or livestock show. The act of entering an animal is the giving of consent that any proceedings or disciplinary action taken by the fair or livestock show may be published with the name of the violator or violators in any publication of the International Association of Fairs and Expositions, including Fairs and Expositions and any special notices to members.
- 12. The act of entering of an animal in a fair or livestock show is the giving of verification by the owner, exhibitor, fitter, trainer, or absolutely responsible person that he or she has read the IAFE National Code of Show Ring Ethics and understands the consequences of and penalties provided for actions prohibited by the code. It is further a consent that any action which contravenes these rules and is also in violation of federal, state, or provincial statutes, regulations, or rules may be released to appropriate law enforcement authorities with jurisdiction over such infractions.

## HEALTH REQUIREMENTS FOR ANIMALS EXHIBITED

- Under no circumstances may animals under quarantine be exhibited.
- Only animals not showing signs of infectious or contagious diseases will be allowed to show.
- Policy on Ringworm, Warts, and Abscesses:
  - Animals that have active ringworm, visible warts, or abscesses, will not be allowed entry into the Boone County Fair for exhibition.
  - The inspecting veterinarian may judge the ringworm to be inactive if the lesion is not encrusted and hair has begun regrowth in the area.
  - Animals with warts that are visible by a hands-off inspection will not be allowed to remain on the premises.
  - Animals that have visible abscesses will not be allowed to exhibit and will not be allowed to remain on the premises.
- All sheep and goats being exhibited need to be individually identified with USDA Official ID. This applies to both
  market ewes and breeding ewes, regardless of age.
- To exhibit non-terminal swine:
  - Have a negative Pseudorabies test conducted within 30 days prior to exhibition; or
  - Originate from a Qualified Pseudorabies free herd; and
  - Be individually identified with USDA official identification.
  - After exhibition, the Nance County Fair recommends that exhibited swine should be kept separate and apart from all other swine and retested negative in not less than 30 days following last exhibition, or shipped directly to slaughter.
- YOUTH FOR QUALITY CARE OF ANIMALS TRAINING All exhibitors in beef, dairy cattle, meat goat, dairy goats, sheep, swine, rabbits or poultry must have received YQCA training or testing through a Nebraska Extension based program prior to the county fair. Program attendance or completion of an online course is required by June 1. Completion of training will be certified by county extension staff.

## **GENERAL LIVESTOCK RULES**

- OWNERSHIP OF ANIMALS & POULTRY- All animals and poultry should be owned by the exhibitor who entered it. Ownership of beef, sheep, swine, dairy, market goats, and meat goats must be certified where required on the appropriate forms in the Extension Office. All market and breeding animals (beef, sheep, swine, and meat goats) must be nominated and have a hair sample for DNA testing on file at the AKSARBEN office by the appropriate dates (June 15 for all species) in order to be exhibited at the State Fair.
- **ELIGIBILITY OF ANIMALS** Any project animal that has been offered for auction, where the intent of the auction is change of ownership, is ineligible for the livestock classes. A project animal that has been through a "premium only" auction is eligible to be exhibited at the Nebraska State Fair, provided it and its exhibitor meet all other ownership and eligibility requirements. A "premium only" auction is defined as an event in which change of ownership is never the intent; but the intent is only to provide a monetary premium to accompany the ribbon earned by the exhibit. An animal that becomes wild and uncontrollable during the show may be declared ineligible by the Division Superintendent.
- ANIMAL TESTING AND EXAMINATION Any animal entered in classes is subject to any type testing at the
  cretion of either the superintendent or official show veterinarian. If the results of testing indicate the possible use of
  compounds or drugs not approved for use in that species by FDA or compounds or drugs used outside the specified withdrawal requirements of FDA, these animals will be declared ineligible for competition and awards. In the
  case of market animals, show management will determine the appropriate disposal of the animals. An animal that is
  tampered with to change appearance or weight may be declared ineligible by the Division Superintendent.
- REGISTRATION OF LIVESTOCK A breeding animal to be eligible for show in a registered 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 indicate one of the following (1) the name of the exhibitor (2) the name of the exhibitor and/or 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. Immediate family is defined as members of a household, including parents, brothers and sisters, and youth in care of the head of the household. All commercial females can use 4-H or farm/ranch tag for identification. All registered females will have their tattoos checked. A calfhood vaccination tattoo is not considered an official identification tattoo. Original registration certificates must be presented at the check in chute when the females are led through for checking tattoos and entry papers. Only breeding females recognized as registered and eligible to show by their respective state Breed Associations will be allowed to compete in the breed classes.
- ONLY PURPLES CAN BE CHAMPIONS Any beef, dairy, dairy goat, meat goat, sheep, swine, dog, cat, poultry, rabbit, or miscellaneous small animal entry must be awarded a first or second purple ribbon in a class to be eligible to compete for champion or reserve champion.

#### **GROOMING OF LIVESTOCK:**

- BLOW AND GO: All beef, swine, sheep and goats (showmanship, market, and breeding) will be shown blow and go.
   Animals may be clipped, blown, brushed or combed to enhance their appearance. Guidelines for the Blow and Go show:
  - The only people allowed to clip, groom, brush and comb 4-H/FFA cattle, hogs, sheep and goats at the Nance County Fair are Nance County 4-H livestock exhibitors and exhibitors' immediate family (parents/guardian, siblings).
  - All animals will be shown free of any adhesive, glue, paint, or powder products.
  - Any compounds that have adhesive qualities that when applied cannot be combed or brushed through, or alter the color of the animal are forbidden. These products include, but are not limited to commonly used adhesives and colorants such as Prime Time, EZ Comb, Tail Adhesive, Natural Hold, Ultra White Touch-Up, Black Touch Up, Black Finisher, black show foam, and baby powder.
  - Alcohol, water, oil, foam or any water or alcohol-based products with no adhesives or glue qualities, or artificial
    colors are permitted. These products include conditioners and commonly used sprays such as Kleen Sheen,
    Revive, Final Bloom, Pink Oil, white show foam, Freshen Up, Silk, and Sudden Impact.
  - The first violation will result in the reduction of one ribbon placing for the exhibitor's animal involved. The second violation of any of the above mentioned will result in disqualification for the show in that species.
  - The judge has the right to notify show management of any violation of said rules, therefore qualifying the animal to be lowered one ribbon placing.
  - One animal in wash rack at a time per exhibitor. Be courteous to other exhibitors.
- 2. All clipping of pigs should be completed prior to arriving at county fair.
- 3. Exhibitors shall not add materials, natural or synthetic, which extend body shapes beyond normal limits.
- 4. Upon violation of above rules, the exhibitor's animal involved may be lowered one or two ribbon placing(s) or maybe disqualified from the show.
- BY ORDER OF THE STATE FIRE MARSHALL The use of flammable and combustible grooming sprays inside the barns is strictly forbidden. These types of materials must be used outside the building s only.
- SUBSTITUTE SHOWMAN An animal must be shown by the 4-H owner who entered it unless the exhibitor is excused by the Division Superintendent because of serious illness or disability due to an injury (e.g. broken arm or leg). An exhibitor who has more than one animal in a class need not secure approval for another 4-H or FFA member, eligible to exhibit livestock, to show the additional animal in the class. Substitute showmen must be a 4-H or FFA member exhibiting in a current livestock show. All substitute showmen must be in official dress.
- **DRESS CODE** Exhibitors in all contests (shooting sports, beef, dairy, goats, dogs, cats, sheep, swine, poultry, rabbits, and miscellaneous small animals) are required to wear the county 4-H t-shirt, dark blue jeans, hard soled shoes or boots. No hats, caps or other types of headgear are to be worn in the show ring. Dairy and dairy goat exhibitors may wear dark blue jeans or white pants. Horse exhibitors wear official dress according to their rule handbook.
- ALL FANS MUST BE MOUNTED! (No butt fans)
- DO NOT use washrack as feeding area.
- Exhibitors must have completed the Nance County Fair Livestock Entry Form that is DUE in the Extension
  Office no later than Monday, July 1. A late fee of \$5.00 per project per day will be assessed after that deadline but
  entries will not be accepted after July 5 at 4:30pm.

#### **DIVISION 9 - HERDSMANSHIP**

- HERDSMANSHIP RESPONSIBILITY Herdsmanship duties are the responsibility of all club members and
  independent members rather than leaders and parents. Exhibitors are expected to keep their exhibit area orderly,
  neat, and attractive. They are also expected to be courteous and helpful to visitors. All club members and
  independent members are responsible for final cleaning of their own messes.
- All recognized 4-H/FFA clubs and independent members are eligible.
- WHEN HERDSMANSHIP BEGINS AND STOPS Herdsmanship begins at 8 a.m. on Friday, July 19, and ends when livestock leave the premises and final cleaning is completed.
- WHEN HERDSMANSHIP IS JUDGED Chore time and cleanup will be hours 7 to 8 a.m.; feeding and cleaning of stalls from 5 to 6 p.m.; with herdsmanship judged at any time between 8:00 a.m. and 9:00 p.m.
- DIVISIONS JUDGED SEPARATELY Each livestock division (beef, sheep, swine, dairy, poultry, rabbit, and goats)
   will be judged separately on a point-basis.
- HERDSMANSHIP will be judged as a family unit, not by club or individual. Ribbons and special awards will be presented at the 2024 4-H Achievement Night.
- BASIS OF RATING HERDSMANSHIP Judges will use the following scoring guide in judging exhibits for herdsmanship.
  - Animals: (4 points)

Clean at all times with proper grooming, feed, bedding and care apparent, properly penned and secured.

## Stalls: (4 points)

Clean and neat, clean bedding, full water bucket, feed and feed pan and buckets clean and in place, no manure in stall area, exhibitors signs clearly in place.

# Tack/Feed Area: (4 points)

Kept clean and neatly arranged, grooming and tie-out areas kept clean, personal items out of sight or neatly stored.

# Alleyways: (4 points)

Exhibitors designated alleys and commons areas kept clean, free of equipment, loose dirt and dust kept under control with proper sweeping and/or sprinkling, no manure in piles.

# Exhibitors: (4 points)

Proper courtesy and conduct shown by exhibitors at all times and in all places including with the public and other exhibitors. All exhibitors are expected to participate in Herdsmanship.

Total Points	
Purple: 18-20	
Blue: 15-17	
Red: 12-14	
White: 0-11	

#### Classes:

G110001. BEEF HERDSMANSHIP
G130002. SHEEP HERDSMANSHIP
G135003. SWINE HERDSMANSHIP
G140004. DAIRY HERDSMANSHIP
G150005. GOAT HERDSMANSHIP
G071006. POULTRY HERDSMANSHIP
G082007. RABBIT HERDSMANSHIP

# DEPARTMENT LIVESTOCK SHOWMANSHIP

- Each exhibitor can show only in one division for each species of livestock.
- An exhibitor must show his own livestock.
- The animal used for showmanship must have been exhibited during the current fair.
- An animal can be shown in only one showmanship class.
- Exhibitors are required to wear the county 4-H t-shirt or a white shirt (or blouse) with the official 4-H chevron or FFA emblem attached, a 4-H T-shirt, or a FFA T-shirt. Dark blue jeans and hard soled shoes or boots are required. No hats, caps or other types of headgear are to be worn in the show ring.
- 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 overemphasized, nor do minor infractions disqualify. Primarily in showmanship, it is the skill of the showman in presenting the animal before the judge that counts, while individual excellence of the animal does not.
- The division superintendents may disqualify any 4-H'er from showmanship for any violation of rules or unsportsmanlike conduct at the Nance County Fair.
- BLOW & GO See General Livestock Rules for more information. Fly spray is allowed.

PREMIUMS: Purple-\$6.50, Blue-\$5.50, Red-\$4.50, White-\$3.50

## **DIVISION 110 - BEEF**

G110002.	BEEF SHOWMANSHIP	- Senior (Ages 14-18 before January 1 of current year)	
G110003.	BEEF SHOWMANSHIP	<ul> <li>Intermediate (Ages 10-13 before January 1 of current year</li> </ul>	ar)

G110004. BEEF SHOWMANSHIP - Junior (Ages 8-9 before January 1 of current year)

## **DIVISION 130 - SHEEP**

G130002.	SHEEP SHOWMANSHIP	- Senior (Ages 14-18 before Jan	uary 1 of current year)
		- Intermediate (Ages 10-13 befo	

G130004. SHEEP SHOWMANSHIP - Junior (Ages 8-9 before January 1 of current year)

#### **DIVISION 135 - SWINE**

G135002.	. SWINE SHOWMANSHIP - Senior (Ages	14-18 before January 1 of current year)
		(Ages 10-13, before January 1 of current year

G135003. **SWINE SHOWMANSHIP** - Intermediate (Ages 10-13 before January 1 of current year) G135004. **SWINE SHOWMANSHIP** - Junior (Ages 8-9 before January 1 of current year)

## **DIVISION 140 - DAIRY**

G140002.	DAIRY SHOWMANSHIP	- Senior (Ages 14-18 before January 1 of current year)
G140003.	DAIRY SHOWMANSHIP	- Intermediate (Ages 10-13 before January 1 of current year)

G140004. DAIRY SHOWMANSHIP - Junior (Ages 8-9 before January 1 of current year)

#### **DIVISION 150 - GOAT**

G150002.	GOAT SHOWMANSHIP - Senior (Ages 14-18 before January 1 of current year)
G150003.	GOAT SHOWMANSHIP - Intermediate (Ages 10-13 before January 1 of current year

G150004. **GOAT SHOWMANSHIP -** Junior (Ages 8-9 before January 1 of current year)

## **DEPARTMENT BEEF DIVISION**

PREMIUMS: Purple-\$8.50, Blue-\$7.00, Red-\$5.50, White-\$4.00

#### MARKET BEEF SHOW RULES

- Exhibitors are limited to two individual market beef entries and are responsible to show his or her own animal except in the case where two entries are shown in the same class. In such cases, the second entry must be shown by another 4-H or FFA member.
- Market beef entries cannot be shown as breeding stock.
- A home-raised class will consist of animals that were born on exhibitor's farm or ranch. These animals will show in their respective class as well as the home-raised class. Exhibitor is limited to one (1) entry. No premiums paid on this class.
- To be eligible to show in a British steer class the market animal must be owned by the exhibitor, be identified by a legible ear tattoo, recorded on ownership affidavit form by May 15, and be registered by the official breed association. Any breed steer not having a legible tattoo, or shows evidence of a fresh or recent tattoo, will not be allowed to show in the British Breed classes, but may be allowed to show in the crossbred classes.
- Suggested minimum live weight for market heifers is 900 pounds and market steers is 1000 pounds.

# **DIVISION 11- MARKET BEEF**

G011010.	ANGUS STEERS
G011015.	ANGUS MARKET HEIFERS
G011020.	SHORTHORN STEERS
G011025.	SHORTHORN MARKET HEIFERS
G011030.	HEREFORD STEERS
G011035.	HEREFORD MARKET HEIFERS
G011040.	CROSSBRED STEERS
G011045.	CROSSBRED MARKET HEIFERS
G011080.	CHAROLAIS STEERS
G011085.	CHAROLAIS MARKET HEIFERS
G011090.	RED ANGUS STEER
G011095.	RED ANGUS HEIFER
G011096.	HOME-RAISED

#### **DIVISION 24 - RATE OF GAIN**

PREMIUMS: Purple-\$6.50, Blue-\$5.50, Red-\$4.50, White-\$3.50

• Rate of Gain is open to all exhibitors with beef projects. An initial weight must have been taken at one of the two Boone-Nance Weigh-ins. County fair weight will be the final weight. Points will be given on the basis of one point per .1 pound of daily gain. Ribbons will be awarded on the following basis:

Purple: 3.0 lbs. & over Red: 2.0-2.4 lbs. Blue: 2.5-2.9 lbs. White: Under 2.0 lbs.

G024001. **STEER** G024002. **HEIFER** 

#### **BREEDING BEEF HEIFERS**

PREMIUMS: Purple-\$8.50, Blue-\$7.00, Red-\$5.50, White-\$4.00

- All registered females must be identified with a legible tattoo that corresponds with the registration papers and/or ID form.
- All commercial females will use a 4-H tag or tattoo for identification.
- All breeding beef entries must have been identified according to county deadlines and the Identification Affidavit on record at the Extension Office. Identification will be verified by the superintendents. Any entry not properly identified is not eligible to show.
- Exhibitors are limited to two individual breeding beef entries, and a junior herd OR a cow-calf pair. Animals shown as a cow-calf pair must have been exhibited by the same individual. The cow must be shown in its respective division. Calf may be shown in either a breeding **or** feeder class. On the livestock form, make a separate entry for each animal that will be shown.
- Breeding beef entries cannot be shown as market beef nor are they eligible to be sold in the livestock sale.

- All registered females will have their tattoos checked. A calfhood vaccination tattoo is not considered an official identification tattoo. Original registration certificates must be presented at the check in chute when the females are led through for checking tattoos and entry papers. Only breeding females recognized as registered and eligible to show by their respective state Breed Associations will be allowed to compete in the breed classes.
- Junior herds shall consist of three animals of the same breed (at least 2 females) with at least one cow that has freshened (2 years or over) and at least one of the three must qualify as "bred by exhibitor".
- Former calves that were shown as bucket calves can come back and show under breeding heifers in their respective class.
- The All Other Breeds division may include registered heifers for which a separate division is not listed, but which meet their state breed association's criteria for exhibition. AOB heifers will be allowed to show in their own breed class with all ages shown together.

# **DIVISION 12 - ANGUS**

G012001 - Bulls born after 1-1-24

G012002 - Heifers born after 1-1-24

G012003 - Heifers born 9-1-23 to 12-31-23

**G012004 - Heifers** born 5-1-23 to 8-31-23

**G012005 - Heifers** born 3-1-23 to 4-30-23

**G012006 - Heifers** born 1-1-23 to 2-28-23

**G012007 - Cows** born 9-1-21 to 12-31-22

**G012008 - Cows** born before 8-31-21

G012009 - Cow and Calf Pair

G012011 - Junior Herd

## **DIVISION 14 - CHIANINA**

**G014001 - Bulls** born after 1-1-24

G014002 - Heifers born after 1-1-24

G014003 - Heifers born 9-1-23 to 12-31-23

G014004 - Heifers born 5-1-23 to 8-31-23

G014005 - Heifers born 3-1-23 to 4-30-23

G014006 - Heifers born 1-1-23 to 2-28-23

**G014007 - Cows** born 9-1-21 to 12-31-22

**G014008** - Cows born before 8-31-21

G014009 - Cow and Calf Pair

G014011 - Junior Herd

# **DIVISION 16- GELBVIEH**

G017001 - Bulls born after 1-1-24

**G017002 - Heifers** born after 1-1-24

**G017003 - Heifers** born 9-1-23 to 12-31-23

**G017004 - Heifers** born 5-1-23 to 8-31-23

**G017005 - Heifers** born 3-1-23 to 4-30-23

G017006 - Heifers born 1-1-23 to 2-28-23

**G017007 - Cows** born 9-1-21 to 12-31-22

G017008 - Cows born before 8-31-21

G017009 - Cow and Calf Pair

G017011 - Junior Herd

## **DIVISION 13 - CHAROLAIS**

G013001 - Bulls born after 1-1-24

G013002 - Heifers born after 1-1-24

G013003 - Heifers born 9-1-23 to 12-31-23

**G013004 - Heifers** born 5-1-23 to 8-31-23

**G013005 - Heifers** born 3-1-23 to 4-30-23

**G013006 - Heifers** born 1-1-23 to 2-28-23

**G013007 - Cows** born 9-1-21 to 12-31-22

G013008 - Cows born before 8-31-21

G013009 - Cow and Calf Pair

G013011 - Junior Herd

# **DIVISION 15 - CROSSBRED**

G015001 - Bulls born after 1-1-24

G015002 - Heifers born after 1-1-24

G015003 - Heifers born 9-1-23 to 12-31-23

**G015004 - Heifers** born 5-1-23 to 8-31-23

**G015005 - Heifers** born 3-1-23 to 4-30-23

**G015006 - Heifers** born 1-1-23 to 2-28-23 **G015007 - Cows** born 9-1-21 to 12-31-22

**G015008 - Cows** born before 8-31-21

G015009 - Cow and Calf Pair

G015011 - Junior Herd

#### **DIVISION 17 - HEREFORD/POLLED HEREFORD**

G017001 - Bulls born after 1-1-24

G017002 - Heifers born after 1-1-24

G017003 - Heifers born 9-1-23 to 12-31-23

**G017004 - Heifers** born 5-1-23 to 8-31-23

**G017005 - Heifers** born 3-1-23 to 4-30-23

**G017006 - Heifers** born 1-1-23 to 2-28-23

**G017007 - Cows** born 9-1-21 to 12-31-22

**G017008 - Cows** born before 8-31-21

G017009 - Cow and Calf Pair

G017011 - Junior Herd

#### **DIVISION 18 - LIMOUSIN**

G018001 - Bulls born after 1-1-24

G018002 - Heifers born after 1-1-24

G018003 - Heifers born 9-1-23 to 12-31-23

G018004 - Heifers born 5-1-23 to 8-31-23

G018005 - Heifers born 3-1-23 to 4-30-23

G018006 - Heifers born 1-1-23 to 2-28-23

**G018007 - Cows** born 9-1-21 to 12-31-22

**G018008 - Cows** born before 8-31-21

G018009 - Cow and Calf Pair

G018011 - Junior Herd

# **DIVISION 20 - RED ANGUS**

**G020001 - Bulls** born after 1-1-24

G020002 - Heifers born after 1-1-24

**G020003 - Heifers** born 9-1-23 to 12-31-23

**G021004 - Heifers** born 5-1-23 to 8-31-23

G021005 - Heifers born 3-1-23 to 4-30-23

**G021006 - Heifers** born 1-1-23 to 2-28-23

G020007 - Cows born 9-1-21 to 12-31-22

**G020008 - Cows** born before 8-31-21

G020009 - Cow and Calf Pair

G020011 - Junior Herd

## **DIVISION 22 - SIMMENTAL**

**G022001 - Bulls** born after 1-1-24

G022002 - Heifers born after 1-1-24

G022003 - Heifers born 9-1-23 to 12-31-23

**G022104 - Heifers** born 5-1-23 to 8-31-23

G022105 - Heifers born 3-1-23 to 4-30-23

G022106 - Heifers born 1-1-23 to 2-28-23

**G022107 - Cows** born 9-1-21 to 12-31-22

**G022008 - Cows** born before 8-31-21

G022009 - Cow and Calf Pair

G022011 - Junior Herd

#### **DIVISION 19 - MAINE ANJOU**

G019001 - Bulls born after 1-1-24

**G019002 - Heifers** born after 1-1-24

G019003 - Heifers born 9-1-23 to 12-31-23

**G019004 - Heifers** born 5-1-23 to 8-31-23

**G019005 - Heifers** born 3-1-23 to 4-30-23

**G019006 - Heifers** born 1-1-23 to 2-28-23

**G019007 - Cows** born 9-1-21 to 12-31-22

**G019008 - Cows** born before 8-31-21

G019009 - Cow and Calf Pair

G019011 - Junior Herd

## **DIVISION 21 - SHORTHORN**

**G021001 - Bulls** born after 1-1-24

G021002 - Heifers born after 1-1-24

**G021003 - Heifers** born 9-1-23 to 12-31-23

**G021004 - Heifers** born 5-1-23 to 8-31-23

**G021005 - Heifers** born 3-1-23 to 4-30-23

G021006 - Heifers born 1-1-23 to 2-28-23

**G021007 - Cows** born 9-1-21 to 12-31-22

**G021008 - Cows** born before 8-31-21

G021009 - Cow and Calf Pair

G021011 - Junior Herd

#### **DIVISION 23 - ALL OTHER BREEDS**

G023001 - Bulls born after 1-1-24

G023002 - Heifers born after 1-1-24

**G023003 - Heifers** born 9-1-23 to 12-31-23

**G023004 - Heifers** born 5-1-23 to 8-31-23

**G023005 - Heifers** born 3-1-23 to 4-30-23

**G023006 - Heifers** born 1-1-23 to 2-28-23

**G023007 - Cows** born 9-1-21 to 12-31-22

**G023008 - Cows** born before 8-31-21

G023009 - Cow and Calf Pair

G023011 - Junior Herd

#### **DIVISION 25 - FEEDER CALF**

PREMIUMS: Purple-\$8.50, Blue-\$7.00, Red-\$5.50, White-\$4.00

- The purpose of this division is to provide 4-H members enrolled in the 4-H breeding project an opportunity to exhibit the product of their project.
- To qualify in this division each calf entered must have a certified birth date.
- Each exhibitor will be limited to two entries. On the livestock form, make a separate entry for each animal that will be shown.
- Entries may be heifer or steer calves, born during the current calendar year, but before June 1.
- Calves exhibiting in this division must be identified and recorded with the Extension Office by May 15.
- No individual calf may be shown as a breeding heifer and feeder calf.
- All feeder calves will be evaluated on their potential for growth and carcass performance at 6-18 months of age.

G025001 - FEEDER CALF STEER G025002 - FEEDER CALF HEIFER

#### **DIVISION 26 - BUCKET CALF**

PREMIUMS: Purple-\$8.50, Blue-\$7.00, Red-\$5.50, White-\$4.00

 Purpose: To design a cattle project to fit the physical size of the younger youth, to teach project health care and nutritional requirements of young cattle, teach basic beef management skills with large investments, and to teach basic recordkeeping skills.

#### Rules:

- ALL bucket calves must have been tagged and identified on an ID affidavit by May 14 and filed at the Extension
  Office.
- · Your record book must be turned in, on or before July 1 at the extension office.
- A bucket calf is an <u>orphan calf that must be born after January 1, but before June 1 of the current year, male</u> or female; dairy, beef, or cross; and fed on bucket or bottle.
- Exhibitors will have the option of exhibiting their project through the fair OR come the day of the show and then leave after showing. Please identify your intentions on the livestock entry form. If planning on staying through fair, stall assignments will be made.
- Exhibitor is limited to showing one (1) animal.
- Exhibitor should not have reached their 13th birthday of the current year.
- The class is judged on showmanship, record book, and an interview.
- Bucket calves are not eligible to be shown in regular showmanship classes.

G026001 - **NOVICE** (for youth who are 8-12 years of age and have never shown a beef project) G026002 - **EXPERIENCED** 

# **DEPARTMENT SHEEP**

PREMIUMS: Purple-\$8.50, Blue-\$7.00, Red-\$5.50, White-\$4.00

- HEALTH PAPERS All market lambs and breeding ewes must be accompanied by appropriate health certificates. Health certificates must be presented at check in.
- MARKET LAMB IDENTIFICATION & DNA REQUIREMENT All market lambs to be shown at State Fair must be
  tagged with an official USDA tag, owned by the exhibitor and have the DNA collector envelope with hair sample
  submitted to their County Extension Office by June 15. Youth will have until August 10 to declare if they will show
  4-H or FFA at State Fair. All sheep (market and breeding) must have official USDA identification tag in place (part
  of the scrapie eradication program).
- IDENTIFICATION OF BREEDING SHEEP All breeding sheep must have a breeding nomination card on file at the county Extension Office by May 15. All sheep (market and breeding) must have the USDA Official ID tag in place (part of scrapie eradication program). The scrapies tag will serve as the 4-H identification number on the breeding nomination card.
- Each exhibitor is limited to three individual market lamb entries. All market lamb entries must be weighed on entry day. Wether and ewe lambs are eligible for market classes. On the livestock entry form, make a separate entry for each animal that will be shown.
- Each exhibitor is limited to two individual breeding sheep entries unless exhibiting a breeding flock. A breeding flock shall consist of two yearling ewes, one yearling ram, and one ewe lamb. On the livestock entry sheet, make a separate entry for each animal that will be shown.
- No individual sheep may be shown in both breeding and market classes.
- Suggested minimum live weight for market lambs is 100 pounds.
- Any market class with less than 5 individual entries will be shown in Crossbred class.
- The use of showing and/or handling practices that may be considered objectionable or abusive, such as striking or slapping lambs and exhibiting the lamb with its feet off the ground, are not acceptable. The use of such practices may result in the lowering of a ribbon placing.

#### **DIVISION 31 - MARKET LAMBS**

G031004. HAMPSHIRE MARKET LAMBS
G031005. SUFFOLK MARKET LAMBS
G031006. CROSSBRED MARKET LAMBS
G031007. OTHER MARKET LAMBS

G031008. PEN OF THREE

## **DIVISION 32 - BREEDING**

- AGE CLASSIFICATION OF BREEDING EWES Ewes born September 1, 2023, or after are classed as lambs. Ewes born between 9/1/2022 and 8/31/2023 will be classed as yearlings. Ewes born prior to 9/22 are classed as aged ewes. All ewe lambs must have all lamb or temporary teeth present; yearling ewes can have yearling teeth, but cannot have two-year old teeth up. Ewes exhibiting two-year old teeth will be allowed to show, but will not be eligible to compete for championship. Classes will be divided at discretion of show management.
- BREEDING EWES MUST BE REGISTERED, EAR TAGGED OR TATTOOED Ewes shown in breed classes
  must be registered with the breed association by entry date and have the flock tag, or tattoo and registration tag (if
  required by breed association). Flock tag number must be on the registration paper, and on the ID affidavit
  (4-HF105) and be in the animal's ear at check-in. Commercial ewes must have official USDA tag in their ear and
  on the ownership affidavit. Both commercial and registered ewes must also have an official USDA (scrapie)
  identification tag.
- MINIMUM ENTRIES FOR BREED CLASSES Ewes of a breed with less than five eligible entries (including both yearlings and lambs) will be shown in one class.
- All commercial "meat breed" breeding sheep must be slick shorn within 10 days of the show. All "wool breed" sheep may be shown in the fleece.

**Lamb Classes:** 

G032001 - Commercial & Registered Wool

G032002 - Purebreds G032003 - Other Breeds

**G032004 - Commercial Meat** 

G032005 - Hampshire G032006 - Suffolk G032007 - Rams

G032008 - Breeding Flock

**Yearling Classes:** 

G032011 - Commercial & Registered Wool

G032012 - Purebreds G032013 - Other Breeds G032014 - Commercial Meat G032015 - Hampshire

G032016 - Suffolk G032017 - Rams

G032018 - Breeding Flock

**Aged Ewe Classes:** 

G032021 - Commercial & Registered Wool

G032022 - Purebreds G032023 - Other Breeds G032024 - Commercial Meat

G032025 - Hampshire G032026 - Suffolk G032027 - Rams

G032028 - Breeding Flock

# **DEPARTMENT SWINE**

PREMIUMS: Purple-\$8.50, Blue-\$7.00, Red-\$5.50, White-\$4.00

- All swine must be identified by a 4-H ear tag recorded on an Identification Affidavit on file at the Extension Office
  by May 15. Hogs must be identified on the affidavit that is brought to fair. No changes or corrections will be allowed
  at the time of check-in. Entries that do not match these affidavits or hogs exhibiting freshly imprinted tattoos or
  notching will not be allowed to show. All Swine to be shown at State Fair must have hair sample for DNA on
  file. Deadline for DNA is the same as for ownership affidavits.
- No health papers are required. The status of the exhibitor's swine herd must need the following requirement: Swine to be exhibited shall originate directly from a herd not under quarantine for pseudorabies.
- The county fair swine show will be a non-terminal show (this means swine exhibitors can take their pigs home).
- NUMBER EXHIBITS PER EXHIBITOR-A 4-H member may enter, weigh, and show 3 market hogs. On the livestock entry sheet, make an entry for each animal that will be exhibited.
- All clipping of pigs should be completed prior to arriving at county fair.
- The county fair swine show is recommended as a terminal show but is left up to the discretion of the exhibitor.
- Market hogs must weigh a minimum of 220 pounds and maximum live weight of 320 pounds.
- All light and heavy hogs will be allowed to show, but will not be eligible for champion awards.

# **DIVISION 36 - MARKET SWINE**

G036001. MARKET GILT (make one entry for each animal to be shown)
G036002. MARKET BARROW (make one entry for each animal to be shown)

G036003. PEN OF THREE MARKET SWINE

# **DIVISION 37 - BREEDING SWINE**

- Two breeding gilts may be shown by an exhibitor.
- A gilt may not be shown in both market and breeding classes.
- Breeding gilt classes will be broken by weight. There will be no individual breed classes.
- Breeding gilts may not be used in the Pen of 3 Market Swine class.

G037001. BREEDING GILT

#### **DEPARTMENT DAIRY GOATS**

PREMIUMS: Purple-\$8.50, Blue-\$7.00, Red-5.50, White-\$4.00

- All dairy goats must have been identified at designated days in May to be eligible to be shown at county fair. Tags
  will be read and identification confirmed by the fair superintendent. Any entry not properly identified is not eligible
  to show.
- Each exhibitor is limited to three dairy goat animal entries. All dairy goats shown must be female.
- All does must have official USDA identification with the scrapie eradication program.

## **DIVISION 51 - ALPINE**

G051001 - Under 5 months G051002 - 5 months to 8 months G051003 - 8 months to 1 year

G051004 - 1 year to 2 years - Non-milking Doe

G051005 - Under 2 years - Milking Doe

G051006 - Over 2 years, under 5 years - Milking Doe

G051007 - Over 5 years - Milking Doe

G051008 - Junior Herd G051009 - Mother-Daughter

## **DIVISION 52 - LaMANCHA**

G052001 - Under 5 months G052002 - 5 months to 8 months G052003 - 8 months to 1 year

G052004 - 1 year to 2 years - Non-milking Doe

G052005 - Under 2 years - Milking Doe

G052006 - Over 2 years, under 5 years - Milking Doe

G052007 - Over 5 years - Milking Doe

G052008 - Junior Herd G052009 - Mother-Daughter

# **DIVISION 53 - NUBIAN**

G053001 - Under 5 months G053002 - 5 months to 8 months

G053003 - 8 months to 1 year

G053004 - 1 year to 2 years - Non-milking Doe

G053005 - Under 2 years - Milking Doe

G053006 - Over 2 years, under 5 years - Milking Doe

G053007 - Over 5 years - Milking Doe

G053008 - Junior Herd G053009 - Mother-Daughter

# **DIVISION 54 - GRADE**

G054001 - Under 5 months G054002 - 5 months to 8 months G054003 - 8 months to 1 year

G054004 - 1 year to 2 years - Non-milking Doe

G054005 - Under 2 years - Milking Doe

G054006 - Over 2 years, under 5 years - Milking Doe

G054007 - Over 5 years - Milking Doe

G054008 - Junior Herd G054009 - Mother-Daughter

## **DIVISION 55 - SAANENS**

G055001 - Under 5 months G055002 - 5 months to 8 months G055003 - 8 months to 1 year

G055004 - 1 year to 2 years - Non-milking Doe

G055005 - Under 2 years - Milking Doe

G055006 - Over 2 years, under 5 years - Milking Doe

G055007 - Over 5 years - Milking Doe

G055008 - Junior Herd G055009 - Mother-Daughter

# **DIVISION 56 - TOGGENBURG**

G056001 - Under 5 months

G056002 - 5 months to 8 months G056003 - 8 months to 1 year

G056004 - 1 year to 2 years - Non-milking Doe

G056005 - Under 2 years - Milking Doe

G056006 - Over 2 years, under 5 years - Milking Doe

G056007 - Over 5 years - Milking Doe

G056008 - Junior Herd G056009 - Mother-Daughter

# **DEPARTMENT GOATS**

PREMIUMS: Purple-\$8.50, Blue-\$7.00, Red-5.50, White-\$4.00

- Goat ID: All does (market and breeding) must have official USDA identification tag in place (part of the scrapie eradication program). All Meat Goats (market and breeding) must be listed on official ownership affidavit to be eligible to show. All market must be listed on Market Goat Affidavit and breeding goats on separate Breeding Goat Affidavit
- Goats will be weighed on entry day and a minimum live weight of 50 lbs. at check-in. Goats under 50 lbs can show but will not be eligible for purple ribbons. After weighing, goats will be divided into weight classes depending on the number of entries and at the superintendent's discretion.
- An exhibitor may enter a maximum of three market goats and two breeding goats.
- Goats are to have milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth at the time of check-in at county fair.
- Goats must be uniformly slick shorn with 1/4 inch of hair or less from the knee and hock up. Breeding goats will be allowed to be unshorn.
- All goats must be dehorned or have horns blunted.
- Only wether and female kids may be shown no billies.
- NECK CHAINS Goats are to be shown with neck chains or smooth collars only.
- Market Goats may be doe or wether kids. Short scrotum, cryptorchid and buck kids are not eligible. Does and wethers will show together.

## **DIVISION 57 - MARKET GOATS**

G057001. MARKET GOAT - Wethers & Does (divided by weight)

G057002. PEN OF THREE MARKET GOATS

#### **DIVISION 58 BREEDING MARKET GOATS**

G058002. DOE KIDS (Does Born 9-1-2023 to 6-1-2024)

G058003. YEARLING DOES (Does Born 9-1-2022 to 8-31-2023)

G058004. AGED DOES (Does Born prior to 9-1-21-2022)

## **DEPARTMENT OTHER GOATS**

• ELIGIBILITY - Exhibitors are eligible to show a maximum of three (3) other goats.

• GOAT I.D. – All animals must be identified on an official 4-H ownership affidavit. All does must have official USDA identification with the scrapie eradication program.

• SHOWMANSHIP – Exhibitors will not slap or brace the animal or lift the front legs off the ground while in the show ring.

# **DIVISION 59 - OTHER GOATS**

Fiber Pygmy (Up to 12 months of ago)

G059001. **KID** (Up to 12 months of age) G059003. **KID** (up to 12 months of age) G059004. **YEARLING** (13-24 months of age)

# All the Best Dressed Kids

This is a fun event! 4-H member(s) choose a theme and dress themselves and the goats accordingly. Be creative! Invite your friends to help you show all the goats you brought.

G058005 - Best Dressed Kids

Event will follow the sheep and goat show on Sunday, July 21

## **DEPARTMENT HORSE**

PREMIUMS: Purple-\$5.00; Blue-\$3.00; Red-\$2.00; White-\$1.00

# (The Horse Show in 2024 will combine 4-H exhibitors from Boone & Nance Counties vying for awards)

- ALL 4-Her's must complete Level 1 testing after 2 years in the horse project. Exhibitors must comply with this
  requirement by June 1, 2024.
- Each horse must be owned and/or managed according to 4-H 458 and must have been identified prior to May 15 and the Horse Identification Affidavit on record at the Extension Office.
- The 4-H Horse Show will follow the Nebraska 4-H Horse Show & Judging Guide, 4-H 373.
- An exhibitor may enter only two halter classes and four performance classes (Divisions 61-68) in which they will
  receive premiums.
- Additional classes may be entered but premiums will be paid on only six classes. The six classes for which premiums are paid must be two halter and four performance no other combination.
- Multiple Pleasure Classes An exhibitor may enter as many classes as eligible with horses. English, Western and Pony with a different horse that's under 14.2 hands.
- Only mares and geldings may be exhibited.
- Members of the same family may share a horse. A horse may only be exhibited once in each Division Age Class.
   If multiple youth family members are in an age group, they will have to choose who gets to show that horse in each class.
- All horses should be current on all vaccinations as directed by their veterinarian.
- All horses will be exercised in designated areas only and going to and from the exercise area and water tank by directed route only.
- No non-4-Her's allowed to ride any horse around arena on show day (older or younger or non-member). Violators will be requested to leave grounds.
- Only current 4-H horse members, immediate family and horse project leader may handle project horses a fair. Violators will be requested to leave grounds.
- All safety precautions should be taken.
- Upon infraction of rules, the exhibitor may be sent home and premiums forfeited.
- Working Ranch Horse: Member <u>must</u> be enrolled in 4-H Horse project and wear **4-H Horse Show attire**. <u>Must</u> enroll by fair entry deadline. Possible stock fee (\$15 to \$20) will be charged.

Walk/Trot Classes: A 4-Her is eligible only in first 2 years that they are enrolled in horse project, regardless of age.
 Once an exhibitor completes a lope class, they can't enter a walk/trot class. Classes eligible: Western Pleasure,
 Horsemanship, Trail. Walk/Trot members can also show any eligible Halter and Showmanship Class. They may not show in any other riding class (barrels, poles, reining, English, etc.).

#### **ATTIRE**

- A western hat must be worn and should stay on during the performance. Hats are optional **only** in barrel racing and pole bending. Hat must stay on in barrel racing and pole bending if rider enters the arena wearing hat (two-second fine for losing hat). In Level II Speed Events, if hats are **not** worn, a plain **white** or **green** headband may be worn for rider's hair control if band is 3 inches or less in width. Feathers, if present, may not protrude beyond the outer edge of the brim nor above the top of the crown.
- Shirts and blouses must be all white, including buttons, thread, etc., with convertible collars (one that is meant to be folded at the seamline and may or may not be buttoned at the base of neck). Tuxedo, turtleneck or other stand-up collars are not permitted. No national, county or club emblems, medals, etc., at county, district or state shows. Sleeveless shirts or blouses are not permitted. Shear, see-through blouses are inappropriate and not permitted. Decisions will be at the discretion of show management. Long sleeves are recommended, although short sleeves are permitted. Rain or cold weather may alter dress code when approved by show management and the judge.
- Dark blue jeans must be worn and a belt is recommended. Heavy contrasting threading and fringes are not permitted.
- Color of hat, gloves, boots, chaps, etc., is optional.
- Hard-soled shoes or cowboy boots are considered safe and appropriate. Boots with waffle-type tread greater than or equal to 1/8" will not be allowed in riding classes.
- A 4-H arm band is required. Arm band is to be worn on the **left** arm above the elbow.
- Optional: Protective head gear. Chaps in Reining, Western Riding and Trail. Gloves in any class.
- **Prohibited:** Ball caps or hats other than western. Medals, emblems, large feathers, etc. on hats. Tuxedo, turtleneck or other stand-up collars. Chaps in Pleasure, Horsemanship, Halter and Showmanship classes. Spurs are not to be worn in Showmanship & Halter classes.

#### **DIVISION 59 - HALTER**

G059001. WEANLING FILLIES
G059002. YEARLING FILLIES
G059003. 2 YEAR OLD MARES
G059004. 3 YEAR OLD MARES
G059005. 4-5 YEAR OLD MARES
G059006. 6 YEAR & OLDER MARES
G059007. WEANLING COLTS
G059008. YEARLING GELDINGS
G059010. 3 YEAR OLD GELDINGS
G059011. 4-5 YEAR OLD GELDINGS
G059012. 6 YEAR & OLDER GELDINGS

Performance Classes - Participant show order will be seniors, intermediate, and juniors. Minimum of three
participants to hold a class or they will be combined.

## **DIVISION 60 - SHOWMANSHIP**

- Each exhibitor can show only in one division for each SPECIES of livestock. **An animal can be shown only once** in a showmanship class.
- If an exhibitor is champion showman in a respective division twice, he/she automatically moves up to the next age group. Senior participants are not limited to number of championships.

G060001. **SHOWMANSHIP** (15-18 years) G060002. **SHOWMANSHIP** (12-14 years) G060003. **SHOWMANSHIP** (8-11 years)

#### **DIVISION 61 - WALK/TROT**

G061001. WALK-TROT WESTERN PLEASURE G061002. WALK-TROT HORSEMANSHIP

G061003. WALK-TROT TRAIL

G610004 WALK-TROT ENGLISH PLEASURE

#### **DIVISION 62 - ENGLISH PLEASURE**

• English Pleasure - Senior, Intermediate, and Junior participants will show in the same class. G062001. ENGLISH PLEASURE

# **DIVISION 63 - WESTERN PLEASURE, 14 HANDS & UNDER**

 Pony Pleasure - ALL participants will show in the same class, no separate classes. G063001. PLEASURE PONIES

# **DIVISION 63 - WESTERN PLEASURE, OVER 14 HANDS**

G063005. PLEASURE - SENIOR (15-18 years) G063006. PLEASURE - INTERMEDIATE (12-14 years) G063007. PLEASURE - JUNIOR (8-11 years)

## **DIVISION 63 - RANCH PLEASURE**

• Ranch Pleasure - Senior, Intermediate, and Junior participants will show in the same class. G063008 RANCH PLEASURE

## **DIVISION 64 - ENGLISH EQUITATION**

• English Equitation - Senior, Intermediate, and Junior participants will show in the same class. G064001. ENGLISH EQUITATION

#### **DIVISION 65 - WESTERN HORSEMANSHIP**

G065001. HORSEMANSHIP - SENIOR (15-18 years)
G065002. HORSEMANSHIP - INTERMEDIATE (12-14 years)
G065003. HORSEMANSHIP - JUNIOR (8-11 years)

# **DIVISION 65 - RANCH RIDING**

Ranch Riding - Senior, Intermediate, and Junior participants will show in the same class.
 G065004 RANCH RIDING

## **DIVISION 66 - REINING**

G066001. **REINING - SENIOR** (15-18 years) G066002. **REINING - INTERMEDIATE** (12-14 years) G066003. **REINING - JUNIOR** (8-11 years)

## **DIVISION 67 - POLE BENDING**

G067001. **POLE BENDING - SENIOR** (15-18 years) G067002. **POLE BENDING - INTERMEDIATE** (12-14 years) G067003. **POLE BENDING - JUNIOR** (8-11 years)

# **DIVISION 68 - BARREL RACING**

G068001. BARREL RACING - SENIOR (15-18 years)
G068002. BARREL RACING - INTERMEDIATE (12-14 years)
G068003. BARREL RACING - JUNIOR (8-11 years)

## **DIVISION 69 - TRAIL**

G069001. TRAIL CLASS - SENIOR (15-18 years)
G069002. TRAIL CLASS - INTERMEDIATE (12-14 years)
G069003. TRAIL CLASS - JUNIOR (8-11 years)

## **DIVISION 70 - WORKING RANCH HORSE**

- G070001. WORKING RANCH HORSE Senior (15-18 Years)
  G070002. WORKING RANCH HORSE Intermediate (12-14 Years)
- G070003. WORKING RANCH HORSE Junior (8-11 Years)
- G070004. **WORKING RANCH HORSE TEAM** (8-18 Years) This is a two-person team, drawn randomly. The two exhibitors will act as a team to navigate the course.

# **DEPARTMENT POULTRY**

- All poultry will be entered on Friday, July 21, by 1:00 p.m.; Poultry Show is Friday, July 19, at 3 p.m.
- NUMBER OF ENTRIES PER EXHIBITOR Each 4-H and FFA member is limited to exhibiting 5 entries plus showmanship. (Egg production birds are considered one entry.)
- 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.
- MINIMUM WEIGHTS The minimum weights for exhibition birds will be as stated in The American Standard of Perfection and the Bantam Standard.
- TRIO A pen of egg production birds can be hybrids, crossbred or purebred and shall consist of 3 sexually mature females. Egg production females will be judged for production qualities only and need not necessarily conform to breed standards.
- RULES FOR BANTAM & OTHER POULTRY The rules for standard size chickens apply equally to bantams, waterfowl and turkey where applicable.
- ENTRIES MUST BÉ 4-H PROJECT BIRDS All poultry exhibited must be grown in a 4-H member's project.
- POULTRY MUST BE CARED FOR BY THE 4-H'ER. It is the exhibitor's responsibility to provide ample water and feed daily.
- HEALTH REQUIREMENTS Health certificate not required for poultry. No additional testing requirements for Nebraska origin poultry.
- Please provide documentation of Nebraska origin of poultry.

#### **DIVISION 71 - SHOWMANSHIP**

- Any 4-H'er with a bird may enter the competition.
- The participant may use any bird they choose, so long as it was raised and trained by the 4-H'er.
- Basis for judging-Showmanship is based on grooming and training of the bird and the appearance and behavior of
  the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the bird. Primarily
  showmanship is the skill of the exhibitor in presenting and explaining the bird before the judge. The excellence of the
  bird is not considered in scoring.
- The judge may or may not ask questions of the exhibitor at the close of the routine.
- Maximum length of showmanship presentations is five minutes. Exhibitors will be timed.
- Senior showmanship exhibitors will be required to give their presentations using a microphone.

PREMIUMS: Purple-\$6.50, Blue-\$5.50, Red-\$4.50, White-\$3.50

G071011 SENIOR - (Ages 14-18 years, before January 1 of current year)

G071012 INTERMEDIATE - (Ages 10-13 years, before January 1 of current year)

G071013 JUNIOR - (Ages 8-9 years, before January 1 of current year)

# **DIVISION 72 - POULTRY BREED**

PREMIUMS: Purple-\$6.50, Blue-\$5.50, Red-\$4.50, White-\$3.50

- Exhibits will be shown by type. Each type will be divided into the appropriate classes, breeds, and varieties. If there are 5 or more of a variety, they will be shown in a group as a variety. If there are less than 5, varieties will be combined and shown by breeds. If less than 5 exhibits of a breed are entered, the Superintendent reserves the right to combine breeds.
- Entries must state the number of birds entered in each type. The Type, Class, Breed, Variety, and Age and Sex (Cock, Hen, Cockerel, Pullet) must be included on the entries.

#### LARGE FOWL

G072002. COCKEREL (Standard)

G072003. PULLET (Standard)

G072004. COCK (Standard)

G072005. HEN (Standard)

## BANTAM

G072008. COCKEREL (Bantam) G072009. PULLET (Bantam) G072010. COCK (Bantam) G072011. HEN (Bantam)

## **DIVISION DUCKS**

G072013. YOUNG DRAKE G072014. YOUNG DUCK

G072015. **OLD DRAKE** (OVER 1 YEAR) G072016. **OLD DUCK** (OVER 1 YEAR)

# **DIVISION GEESE**

G072018. **YOUNG TOM** G072019. **TOM HEN** 

G072020. **OLD TOM** (OVER 1 YEAR) G072021. **OLD HEN** (OVER 1 YEAR)

#### **DIVISION POULTRY EMBRYOLOGY**

G072022. PICTURE STORY (INDIVIDUAL)

G072023. POSTER DRAWING (INDIVIDUAL)

G072024. DIARY (CLASS OR CLUB)

G072025. SCHOOL DISPLAY (CLASS OR CLUB)

G072026. TRIO OF CHICKS

#### **DIVISION 76 -MARKET/MEAT CLASSES**

G079001 SINGLE PROJECT BROILER (chicks ordered through the extension office)
G079002 SINGLE NON-PROJECT BROILER

• Each broiler pen entry will consist of three birds, 12-21 lbs. combined weight of the pen.

G079003 PROJECT BROILER PEN-OF-THREE (chicks ordered through the extension office)
G079004 NON-PROJECT BROILER PEN-OF-THREE

# **DEPARTMENT RABBIT**

All rabbits will be checked in on Friday, July 19, by 3 p.m.

- ALL RABBITS EXCEPT FRYERS MUST HAVE PERMANENT ID NUMBERS OR NAMES TATTOOED IN THEIR EAR WITH A PIN TATTOO PLIERS AND TATTOO INK (permanent marker numbers written in the ears of the rabbits are NOT permanent ID numbers).
- ALL RABBITS must have been certified on official 4-H ownership affidavits (4HF103) by May 16.
- NUMBER OF ENTRIES PER EXHIBITOR A 4-H member is limited to exhibiting five (5) rabbits.
- RABBITS MUST BE CARED FOR BY THE 4-H'ER. It is the exhibitor's responsibility to provide their own supplies.

#### **DIVISION 80 - SHOWMANSHIP**

PREMIUMS: Purple-\$6.50, Blue-\$5.50, Red, \$4.50, White, \$3.50

- Showmanship judging is based on grooming and training of the rabbit and the appearance and behavior of the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the rabbit. Primarily showmanship is the skill of the exhibitor in presenting and explaining the rabbit before the judge. The excellence of the rabbit is not considered in scoring. The judge may or may not ask questions of the exhibitor at the close of the routine.
- Information on rabbit showmanship is found in 4-H 339, Rabbits, Rabbits, Rabbits.
- Maximum length of showmanship presentations is four minutes. Exhibitors will be timed.

G080080. **SENIOR -** (Ages 14-18 years, before January 1 of current year) G080081 **INTERMEDIATE** - (Ages 10-13 years, before January 1 of current year)

G080082. **JUNIOR** - (Ages 8-9, before January 1 of current year)

#### SHOW:

- Friday, July 19, 3 p.m. is the show.
- A maximum of five (5) rabbits may be entered by one exhibitor.
- The cages are on a first come, first serve basis. Each exhibitor should be able to provide housing if space is limited.
- Each exhibitor must bring their own feed and water bowls.

PREMIUMS: Purple-\$6.50, Blue-\$5.50, Red-\$4.50, White-\$3.50

#### **DIVISION 81 - MARKET**

G081004. **SINGLE FRYER -** Not over 10 weeks of age. Minimum weight of 3 pounds. Maximum weight of 5 pounds. G081005. **MEAT PEN -** Age limit 10 weeks. Minimum weight 3 pounds each. Maximum weight 5 pounds each. G081006. **ROASTER -** Must be under 6 months of age. Minimum weight over 8 pounds.

## **DIVISION 82 - FANCY**

- ELIGIBILITY Exhibitors may show any of the following breeds: American Fuzzy Lop, American Sable, Belgian Hare, Britannia Petite, Dutch, Dwarf Hotot, English Angora, English Spot, Florida White, French Angora, Harlequin, Havana, Himalayan, Jersey Woolie, Lilac, Holland Lop, Mini Lop, Mini Rex, Mini Satin, Netherland Dwarf, Polish, Rex, Rhinelander, Satin Angora, Silver, Silver Marten, Standard Chinchilla, Tan, Thrianta, Lionhead
- Fancy breed rabbits will be divided into the following age divisions. A rabbit that is exactly six months old
  on show day will be shown as a Junior Division rabbit. A rabbit that is six months plus one day old on
  show day will be shown as an Intermediate Division rabbit. A rabbit that is eight months old plus one day
  on show day will be shown as a Senior Division rabbit.

G082002. JUNIOR DOE (6 months old and younger)
G082003. INTERMEDIATE DOE (6-8 months)
G082004. SENIOR DOE (over 8 months)
G082005. JUNIOR BUCK (under 6 months)
G082006. INTERMEDIATE BUCK (6-8 months)
G082007. SENIOR BUCK (over 8 months)

#### **DIVISION 83 - COMMERCIAL**

- ELIGIBILITY Exhibitors may show any of the following breeds: American, American Chinchilla, Beveren,
  Blanc d Hotot, Californian, Champagne D'Argent, Checkered Giant, Cinnamon, Crème D'Argent, English
  Lop, Flemish Giant, French Lop, Giant Angora, Giant Chinchilla, New Zealand, Palomino, Satin, Silver
  Fox
- Commercial breed rabbits will be divided into the following age divisions. A rabbit that is exactly six
  months old on show day will be shown as a Junior Division rabbit. A rabbit that is six months plus one
  day old on show day will be shown as an Intermediate Division rabbit. A rabbit that is eight months old
  plus one day on show day will be shown as a Senior Division rabbit.

G083002. JUNIOR DOE (under 6 months)
G083003. INTERMEDIATE DOE (6-8 months)
G083004. SENIOR DOE (over 8 months)
G083005. JUNIOR BUCK (under 6 months)
G083006. INTERMEDIATE BUCK (6-8 months)
G083007. SENIOR BUCK (over 8 months)

# **DIVISION 84 - CROSSBRED**

G084002. **JUNIOR DOE** (under 6 months) G084003. **SENIOR DOE** (over 6 months) G084004. **JUNIOR BUCK** (under 6 months) G084005. **SENIOR BUCK** (over 6 months)

## **DIVISION EDUCATIONAL DISPLAYS**

Educational Displays are due entry day, Wednesday, July 17, to the 4-H Building for judging.

PREMIUMS: Purple-\$4.00; Blue-\$3.00; Red-\$2.00; White-\$1.00

- 4-Her's exhibiting dairy, beef, sheep, swine, goat, poultry, and rabbits are invited to create a poster highlighting an educational aspect of their animal project.
- The poster could focus on a current livestock issue, animal industry career, animal care or health, or economic impacts of the livestock industry.
- All educational display entries must match the specie the 4-H'er is exhibiting. For example, if a 4-H'er is exhibiting beef their entry must be about beef and not another specie.
- Posters will be displayed as a way to increase the educational experiences of both the 4-H member and the general public. The focus is to increase agricultural literacy and to promote good will at the county.
- Poster display should be sturdy enough to last through the fair and no larger than 22" x 28". Only standard poster board will be accepted. Foam Board or cardboard posters are discouraged.
- NOTE: 4-H'ers are encouraged to laminate or otherwise protect their displays.

G090100.	EDUCATIONAL DISPLAY FOR BEEF
G090101.	EDUCATIONAL DISPLAY FOR SHEEP
G090102.	EDUCATIONAL DISPLAY FOR SWINE
G090103.	EDUCATIONAL DISPLAY FOR GOAT
G090104.	EDUCATIONAL DISPLAY FOR DAIRY
G090105.	EDUCATIONAL DISPLAY FOR POULTRY
G090106.	EDUCATIONAL DISPLAY FOR RABBITS
G090107.	EDUCATIONAL DISPLAY FOR EMBRYOLOGY

#### **DEPARTMENT CAT**

PREMIUMS: Purple-\$6.50, Blue-\$5.50, Red-\$4.50, White-\$3.50

- Small Animal Pet Show will be Sunday, July 23, at 1:30 p.m.
- Only one cat per exhibitor may be shown.
- The participant may use any cat they choose, so long as it was raised and trained by the 4-H'er.
- Cats and kittens will be shown together. Kittens must be at least 4 (four) months old in order to be eligible to be shown.
- Each exhibitor will be asked to give a short "showmanship" presentation on their animal. The characteristics, health, and care of the animal should be provided in this presentation. Following the presentation, exhibitors will be interviewed on knowledge of their animal and its care.
- The judge will evaluate the participant on the following basis: animal health and well-being-35 points, cage evaluation (appropriateness of travel housing as well as description of everyday housing-25 points, and overall knowledge and presentation skills-40 points.

#### **DIVISION 690 - SHOWMANSHIP**

G690001. **SENIOR** (Ages 14-18 years, before January 1 of current year) G069002 **INTERMEDIATE** - (Ages 10-13 years, before January 1 of current year)

G690003. **JUNIOR** (Ages 8-9 years, before January 1 of current year)

- · One entry per class number.
- Cats should be free of fleas, ticks, ear mites, worms, and other parasites and infectious disease. Cats are required to be current on their vaccinations of Rabies, panleukopenia, viral rhinotracheitis, and calicivirus. Cats must either have a current feline leukemia vaccination or proof of a negative test within 180 days of the show. <a href="Proof of vaccinations must be sent with fair entry">Proof of vaccinations must be sent with fair entry</a>. One of the following is required as proof of vaccination: A veterinary health certificate with a veterinarian's signature or vaccination receipt from a vet clinic.
- 4-H'ers vaccinating their own cats must provide proof in the form of a statement from their vet or by including the
  vaccination labels on the form and having it signed by a parent. A rabies vaccination is federally mandated to be
  given by a Certified Veterinarian ONLY. This vaccination must be current and printed on a veterinary clinic report.
- If the cat is not declawed, the claws must be clipped. This will be a point of judging during the competition.
- No expectant or nursing mother cats may be entered.
- All cats must have veterinarian's record proving spaying and neutering to be considered for special premiums. Send this record in with fair entry.
- Cages are on a first-come, first-serve basis. Each exhibitor should be able to provide housing if space is limited. Each exhibitor must bring their own feed and water bowls.
- Kittens are between the ages of four to eight months. Kittens under four months are considered too young to show and those over eight months are considered fully-grown and are judged as cats.
- Transporting cats in carriers is encouraged. **All cats must be shown on a leash** and be on a leash at any time they are removed from the carrier/cage.

G690003. KITTEN - Registered or un-registered household cats at least 4 months old, but less than 8 months.

G690004. HOUSEHOLD CAT - Registered or un-registered household cats 8 months and older.

G690005. PET SCRAPBOOK - (to be entered on Wednesday, July 20, in the 4-H Building)

G690006. PET POSTER - (to be entered on Wednesday, July 20, in the 4-H Building)

# **DEPARTMENT DOG**

PREMIUMS: Purple-\$6.50, Blue-\$5.50, Red-\$4.50, White-\$3.50

- DOGS MUST BE ON A LEASH AT ALL TIMES.
- PROCEDURE Those procedures described in Nebraska 4-H Dog Show Guidelines 4-H 420.
- DOG ELIGIBILITY Exhibitor should provide primary care and training for the dog. The dog should reside with the exhibitor or be cared for by the exhibitor the majority of the year.
- VACCINATION All dogs must be immunized for distemper, hepatitis, parvo and rabies. The Nebraska Dog Show Vaccination Record Form (SF263) must be filled out and signed by a veterinarian and returned as part of the Advanced Entry. The Nebraska Dog Show Vaccination Record Form (SF 263) must document all vaccinations within 1 year or 3 years of the show depending on the vaccine given. All vaccinations must be in effect at the time of the County Fair Dog Show. Explanation: Some vaccinations are viable for one year and some vaccinations are viable for three years but are specifically designed and administered according to their label. It is not acceptable nor allowed to vaccinate a dog with a 1 year vaccine and plan to have it in effect for 3 years.
- NUMBER OF ENTRIES PER EXHIBITOR An exhibitor may make no more than two entries in obedience or showmanship classes. For example, an exhibitor may make two entries in obedience, or, one entry in obedience and one entry in showmanship. A dog can be entered in only one obedience class. A 4-H member can be entered in only one showmanship class.
- ADVANCEMENT LEVELS IN OBEDIENCE CLASSES Follow rules in Nebraska 4-H Dog Show Guidelines 4-H 420: http://go.unl.edu/4h420. A youth will move up to a 'transition year' after they receive 2 purples in a specific class at county or state level competition. Youth will finish their 4-H year at the same level if the second purple ribbon occurs in the middle of their 4-H year. Youth do not have to move up in the middle of a 4-H year. Youth will then have the option to stay in their current class for one additional year (after receiving 2 purple ribbons) called the 'transition year'. During the transition year, youth will practice the move advanced class (gaining skills such as off leash work) but may compete in their same level. Youth may advance up to the next level more quickly with advice/assistance from a leader and parent to help evaluate skill and readiness of youth and dog. This may especially occur if the youth has had previous dog handling experiences.
- ADVANCEMENT IN SHOWMANSHIP CLASSES classes are divided into age divisions. All 4-H dog exhibitors
  must show their own animals to be considered as participants in the Showmanship Contest. Showman will be
  allowed to compete in a division each year based on their age or until they win that particular age group. Winners
  must advance to the next age group. Winners of the Senior division will be ineligible in future dog showmanship
  contests.
- DISQUALIFIED DOGS Females in season will not be permitted to be shown. Lame or crippled dogs will not be permitted to show if it is determined by a show superintendent that it is affecting the health of the dog. Overly aggressive dogs may be disqualified at the discretion of the judge or superintendent.
- AGE OF DOG A dog that is exhibited at the Dog Show must be 6 months or older.
- 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.
- Only exhibitors are allowed to groom or work dogs at the show, both in and out of the rings.
- EXHIBITOR RESPONSIBILITY Dogs are not allowed on the floor except while in the show ring or 30 minutes prior to the class for check-in. **CLEANUP shall be the EXHIBITOR'S RESPONSIBILITY**. This includes all areas while on the show site.

# **DIVISION 700 - SHOWMANSHIP**

- Each class will be judged on handler's appearance (10%), grooming and conditioning of dog (20%), coordination of the dog and handler (50%), and general knowledge (20%). Classes are divided into age divisions.
- G700001. **BEGINNING (**Ages 8-9 years, before January 1, of the current year)
- G700002. INTERMEDIATE (Ages 10-13 years, before January 1, of the current year)
- G700003. **SENIOR** (Ages14-18 years, before January 1, of the current year)
- G690004. DOG POSTER (to be entered on Wednesday, July 17, in the 4-H Building)

# **DIVISION 701 - OBEDIENCE**

Obedience Classes - Follow rules in Nebraska 4-H Dog Show Guidelines 4-H420 to determine class entry.

- OBEDIENCE CLASSES Follow rules in Nebraska 4-H Dog Show Guidelines 4-H 421 to determine class entry.
- PRE-BEGINNING NOVICE All exercises must be performed on a 6-foot leash. Dogs must heel; figure 8; sit for
  examination; come on recall-no finish; long sit for one minute. During the sit exercise, the leash must be held by the
  handler.
- BEGINNING NOVICE All exercises must be performed on a six-foot leash. Dogs must heel including figure 8; stand for examination; come on recall; long sit for one minute and long down for one minute.
- G701000. **PRE-BEGINNING NOVICE EXERCISES A -** Both handler and dog are in their first year of county, state or any other dog experience. Dogs being shown may not have completed an AC "leg" toward a "CD" degree.
- G701005. **PRE-BEGINNING NOVICE EXERCISES B** Exhibitor or dog are beyond first year of competition. This class also includes dogs that have been shown previously by others but have not moved past the pre-beginning novice level.
- G701010.\* **BEGINNING NOVICE DIVISION A** exhibitor and dog is in first year of competition. Dogs being shown may not have completed an AC "leg" toward a "CD" degree.
- G701020.\* **BEGINNING NOVICE DIVISION B** exhibitor or dog is beyond first year of competition. This class also includes dogs that have been shown previously by others but have not moved past the pre-beginning novice level.
- G701025.\* BEGINNING NOVICE DIVISION C Exhibitor and dog are beyond first year of competition.
- G701030.\* **NOVICE** Dogs must heel on leash including figure 8; stand for examination off leash, heel free; come on recall off leash, long sit for one minute off leash and long down for three minutes off leash.
- G701035\* **NOVICE B** Exhibitor and dog are beyond first year of Novice Class competition.
- G701040.\* **GRADUATE NOVICE** Dogs must heel on leash; stand for examination off leash; heel free including figure 8; drop on recall; long sit for three minutes and long down for five minutes both with handler out of sight.
- G701045.\* **ADVANCED GRADUATE NOVICE** heel on leash and figure 8 (off leash), drop on recall, dumbbell recall, recall over high jump, recall over broad jump, and long down.
- G701050.\* **OPEN** All exercises off leash. Heel free and figure 8; drop on recall; retrieve on flat; retrieve over high jump; broad jump; long sit for three minutes and long down for five minutes, both with handler out of sight. Refer to Nebraska 4-H Dog Show Guidelines 4-H 420 for jump heights/distances.
- G701055.\* **GRADUATE OPEN** signal exercise, scent discrimination, directed retrieve, moving stand and examination, go out, and directed jumping.
- G701060.\* **UTILITY** The dog will perform five exercises; the signal exercise; the scent discrimination exercise with leather and metal objects; the directed retrieve; moving stand and examination; directed jumping. Exhibitors must supply their own scent articles and gloves for the directed retrieve.

# **DIVISION 702 - AGILITY**

## Agility Contest to be held at the Boone County Fair on Tuesday, July 9 at 3 p.m.

- PROCEDURE—Agility will follow those procedures and classes described in "Nebraska 4-H Dog Show Guidelines"
   4-H 420 http://go.unl.edu4h420. Refer to "Nebraska 4-H Dog Show Guidelines"
   4-H 420 http://go.unl.edu4h420 to determine class entry. Wither heights of all agility dogs must be included with advanced entries.
- Level 1 & 2 Agility classes are run on leash.
- Level 3, 4, and 5 are all run off leash
- One of each obstacle noted in each level are mandatory and duplicate obstacles will be added to make up quantities
  of obstacles in each level.
- Obstacle equipment needing repair or deemed unsafe by judge will be excluded from the competition.
- Judge determines the arrangements of the obstacles on the course.
- Obstacles in course should be numbered to note the obstacle order for the course. Course maps will be made available and posted at time of show registration in designated area(s).
- Level 5 youth can use additional equipment for competition that they have access to and can use in practice.
- Obstacles that are used for agility competition events may be included from (AKC, CPE, USDAA, NADAC, UKC, etc.)
- Agility Jump Heights measure dogs at withers to determine jump height:

Dogs 11 inches or less - 4 inches

Dogs over 11 inches up to and including 14 inches - 8 inches

Dogs over 14 inches up to and including 18 inches - 12 inches

Dogs over 18 inches - 16 inches

- G702010.\* **LEVEL 1** 6 obstacles 3 bar jumps which have two bars each, short dog walk, pause box or table, and tunnel (open).
- G702020.\* **LEVEL 2** 10 obstacles—several bar jumps which have two bars each, short dog walk, pause box or table, tunnel (open), and solid panel jump.
- G702030.\* LEVEL 3 10 obstacles same obstacles as Level 2 but dogs run off leash for Level 3.
- G702040.\* **LEVEL 4** 13 obstacles bar jump which has one bar each, bar jump which has two bars each, tall dog walk, pause box or table, tunnel (open), solid panel jump, teeter totter (seesaw), and weave poles (single set with 6 poles).

G702050.\* **LEVEL 5** - 15-20 of any of the following obstacles such as: bar jump which has one bar each, bar jump which has two bars each, tall dog walk, pause box or table, tunnel (open), solid panel jump, A-frame short, Aframe tall, teeter totter (seesaw), weave poles (single set with 6 poles), weave poles (double set with 12 poles), broad jump, dump jump, triple bar jump, swing bridge, etc. Number of obstacles used for a course will depend on ring size and available equipment at show site. Course layout may include more advanced handling techniques.

#### **DIVISION 703 - DOG RALLY**

- PROCEDURE Rally will follow those procedures and classes described in "Nebraska 4-H Dog Show Guidelines" 4-H 421.
- Refer to "Nebraska 4-H Dog Show Guidelines" to determine class entry for each level of competition.

G703010.\* BEGINNING RALLY - Dog is on leash and there are 5-10 stations

G703020.\* RALLY 1 - Dog is on leash and there are 10-15 stations

G703030.\* **RALLY 2** - Dog is off leash and there are 12-17 stations G703040.\* **RALLY 3** - Dog is off leash and there are 15-20 stations

## **DEPARTMENT COMPANION ANIMAL**

PREMIUMS: Purple-\$6.50, Blue-\$5.50, Red-\$4.50, White-\$3.50

#### **DIVISION 95 - PETS**

- Not more than four small animals may be entered by any one exhibitor. Only standard breeds of gerbils, hamsters, and guinea pigs in healthy condition may be shown.
- These pets will not be required to stay during the fair and they are brought on the day of the show; however. Exhibitors must be present at time of showing. Animals must be housed in a cage at all times of the show unless asked to remove them by the judge. Exhibitors must provide his own equipment.
- Judging will include: 1) Health of animal; 2) Condition of cage; 3) Knowledge of proper care and nutritional needs; 4) Appropriate environment.
- Each exhibitor will be asked to give a short "showmanship" presentation on their animal. The characteristics, health, and care of the animals should be provided in this presentation. Following the presentation, exhibitors will be interviewed on their knowledge of their animal and its care.
- The judge will evaluate the participant on the following basis; animal health and well-being 35 points, cage evaluation (appropriateness of travel housing as well as description of everyday housing) - 25 points, and overall knowledge and presentation skills - 40 points.
- If the animal is displayed in a travel cage, please prepare a display, such as a poster or photograph(s) showing the animal in his normal home.
- Exhibitor is responsible for the safety and care of the pet during the time it is on the fairgrounds.
- All live animal exhibits must be removed one hour after judging is completed.
- All animals must be weaned prior to show. Minimum age of animals to be shown:

Ferrets: 4 months Chinchillas: 7 weeks Guinea pigs: 4 weeks

Gerbils & Hamsters: 4 weeks

G095001. FERRET G095002. CHINCHILLA

G095003. GUINEA PIG

G095004. **GERBIL** G095005. **HAMSTER** 

G095006. MISCELLANEOUS OTHER PET

G095007. POSTER - can include entries covering any companion animal (including reptiles, companion birds, or others). Exhibitors should make a poster with information on the proper care of a companion animal that they are showing in another class of the Companion Animal Show. Poster should be the size of one full standard poster (should not exceed 22"x28") board. Posters will be entered on Wednesday, July 17.

# **DEPARTMENT SCIENCE, ENGINEERING & TECHNOLOGY**

# **GENERAL INFORMATION**

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.

- Each individual is limited to one exhibit per class.
- Several classes require a display board, which should be a height of 24" and not to exceed 1/4" in thickness. A height of 23 7/8" is acceptable to allow for the saw kerf (width) if two 24" boards are cut from one end of a 4' x 8' sheet of plywood. Nothing should be mounted within 3/4" of the top or bottom of the board. (Example: Woodworking & Electricity.)
- Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- Demonstration boards should include an overall title for the display, plus other necessary labeling.
- All 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. or typed and enclosed in a clear, plastic cover. The reports should be attached securely to the display. 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.

## **DIVISION 930 - SET CAREERS**

H930001.\* **CAREERS INTERVIEW** - Interview someone who is working in any field associated with science, engineering, and technology and research that career (i.e. computer programmer, architect, engineer, pilot, etc.). Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12-point font, and 1" margins. Multimedia reports should be between 3 to 5 minutes in length. SF239

## **DEPARMENT ENTOMOLOGY**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

#### **GENERAL INFORMATION**

- Specimens in display should be mounted properly and labeled with location, date of collection, name of collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology Manual.
- Purchased insects and other insects not collected by the participant can be included, but must have accurate labels and will not be counted in meeting minimum requirements for the exhibit.
- Boxes are preferred to be 12" high X 18" wide, and landscape orientation, so they fit in display racks. Purchase of commercially-made boxes is allowed. All specimens must be from the collector.
- All exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Exhibitors may, and should, correct and update collections for competition at the State Fair.

#### **DIVISION 800 - ENTOMOLOGY**

- H800001\* **ENTOMOLOGY DISPLAY FIRST YEAR PROJECT** Collection to consist of 25 or more different kinds (species) of insects representing at least 6 orders. Limit of one box. SF186
- H800002\* **ENTOMOLOGY DISPLAY SECOND YEAR PROJECT** Collection to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. About 25 new species should be present from after July 1 of the previous year. Limit 2 boxes. SF186
- H800003\* **ENTOMOLOGY DISPLAY THIRD OR MORE YEAR PROJECT** Collection to consist of minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. About 25 species should be present from after July 1 of the previous year. Limit of 3 boxes. SF186
- H800004\* SPECIAL INTEREST 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 Class I-III 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.). SF187
- H800005\* **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.
- H800006\* MACROPHOTOGRAPHY Subjects should be insects, spiders or other arthropods, or any nests, webs or constructions they make. All exhibit prints should be 8 1/2" x 11" and mounted on rigid, black 11" x 14" poster or matt board. Either orientation is acceptable. No frames or mat boards are allowed. A short caption of a few sentences should explain the subject and be printed on white paper, should be glued below the print on the poster board. SF189

- H800007.\* **INSECT POSTER/DISPLAY EXHIBIT** 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 (ex. 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. SF190
- H800008.\* **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 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, account of insect behavior in a forest or flower garden, etc. SF191

## SPECIAL ENTOMOLOGY PROJECT

- H810001.\* **SPECIAL ENTOMOLOGY PROJECT EDUCATIONAL** exhibit based on what was learned from the project. Present information on a poster no larger than 22" x 28" 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. Reports may include life cycle, distribution of the insect, insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes). May in clude a certain species or broad overview of the family or group of insects.
- H810002.\* **SPECIAL ENTOMOLOGY PROJECT DISPLAY -** The current years' Special Entomology Project pinned species along with a one to two report of what was learned from researching the insect type. Reports may include life cycle, distribution of the insect, insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes). May include a certain species or broad overview of the family or group of insects.

# **DEPARTMENT VETERINARY SCIENCE**

PREMIUMS: Purple-\$3.00; Blue-\$2.00; Red-\$1.50; White-\$1.00

- The purpose of the Veterinary Science exhibit is to inform the public about a common health problem of animals or a veterinary science principle.
- A Veterinary Science exhibit may consist of a poster, notebook or a display. The exhibit may represent
   material from any of the Veterinary Science projects including entry level exhibits from Unit 1.
- 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 drapes, use of sterile procedures, wearing of gloves, and other appropriate veterinary medical practices.
- 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
- **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.
- **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.
- All exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

#### **DIVISION 840 - VETERINARY SCIENCE**

H840001.\* 4-H VETERINARY SCIENCE LARGE ANIMAL/PET POSTER, NOTEBOOK OR DISPLAY - (SF119) H840002.\* 4-H VETERINARY SCIENCE SMALL ANIMAL/PET POSTER, NOTEBOOK OR DISPLAY - (SF119)

- 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.

# **DEPARTMENT AEROSPACE/ROCKETS**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

- 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.
- Each individual is limited to one exhibit per class. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- 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.)
- Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- Demonstration boards should include an overall title for the display, plus other necessary labeling.
- Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.
- 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.
- 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.
- 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.
- 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 lowered a ribbon placing.
- A report, protected in a clear plastic cover, must include:
  - 1. rocket specification (include original or photo of manufacture packaging stating rocket skill level)
  - 2. a flight record for each launching (weather, distance, flight height)
  - 3. number of launchings
  - 4. flight pictures
  - 5. safety (how did you choose your launch site? Document safe launch, preparations, and precautions)
  - 6. objectives learned
  - 7. conclusions

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.
- 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 at the State Fair, only actual launches count, misfires will not count towards one of the required 3 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.
   All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Entry level rockets,
  made with PLASTIC FINS and PLASTIC BODY TUBES, are COUNTY ONLY projects.

# **DIVISION 850 - STEM ROCKETS**

#### AEROSPACE/ROCKETS

- H850001.\* **ROCKET** Any Skill Level Rocket with wooden fins and cardboard body tubes painted by hand or air brush. SF92
- H850002.\* **AREOSPACE DISPLAY** Poster or display board that displays or exemplifies one of the principles learned in the Lift Off project. Examples include: display of rocket parts and purpose, explains that parts of a NASA rocket or shuttle, interview of someone in the aerospace field, or kite terminology. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 28" x 22". SF93
- H850003.\* **ROCKET** Any Skill Level Rocket with wooden fins and cardboard body tubes painted using commercial application; example: commercial spray paint. SF92

#### SELF-DESIGNED ROCKET

- H850004.\* **ROCKET** Any self-designed rocket with wooden fins and cardboard body tubes. SF92 **DRONES**
- H850005.\* **DRONE POSTER** Exhibit must be designed to educate yourself and others on one or more of the following topics: drone technologies, uses of drones, the different types of drones, types of training needed to operate drones, and the laws and regulations users must follow. Poster can be any size up to 28" by 22".
- H850006.\* **DRONE VIDEO** Exhibit must demonstraight how the drone interacts with the outside world. Examples include field scouting, surveying damage from natural disasters, drones used in commercial applications and set tings, drones used for structural engineering. Video should not exceed 5 minutes. Videos should be submitted to Steve Pritchard at: spritchard1@unl.edu by July 8, 2021.
- H850007. **ROCKET** Any Skill Level Rocket with wooden fins painted using commercial application; example: commercial spray paint. \*\* NOT ELIGIBLE FOR STATE FAIR \*\*
- H850008. ROCKET Any skill level rocket with plastic fins. \*\* NOT ELIGIBLE FOR STATE FAIR \*\*

#### **DEPARTMENT COMPUTERS**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

- 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.
- Each individual is limited to one exhibit per class. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- Demonstration boards should include an overall title for the display, plus other necessary labeling.
- Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis;
  what you plan to do and what you did; Method used and observations; Results: what you learned. All reports should
  be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.
- Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items.
- Premier 4-H Science Award is available in this area.
- Team Entries: To qualify for entry at the Nebraska State Fair, team materials entered in H860009 Digital Fabrication is clearly the work of a team instead of an individual; must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.

#### **DIVISION 859 - COMPUTERS**

#### **BOOTING UP - UNIT I**

H859001. **POSTER** – Create a poster on a lesson learned in Unit I. Examples might include: hardware, software programs, how to take care of a computer and operating systems.

#### **DIVISION 860 - COMPUTERS**

## **COMPUTER MYSTERIES - UNIT II**

- H860001.\* COMPUTER APPLICATION NOTEBOOK 4-H exhibitor should use computer application to create a graphic notebook utilizing computer technology. 4-H'er may create any of the following: greeting card (5 different cards 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 (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.
- H860002.\* **PRODUCE A COMPUTER SLIDESHOW PRESENTATION** Using Presentation Software 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. Files must be saved in a PC compatible format. State Fair entries: all slide shows for state fair should be emailed to Amy Timmerman atimmerman2@unl.edu before August 15 with county name and last name of participant before emailing. SF277

## **COMPUTER MYSTERIES - UNIT III**

- H860003.\* **PRODUCE AN AUDIO/VIDEO MULTIMEDIA 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. SF276
- H860004.\* **HOW TO STEM (Science, Technology, Engineering and Math) PRESENTATION** Youth design a fully automated 2 to 5 minute 4-H "how to" video. Submissions should incorporate a picture or video of the 4-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, .ov, .ppt, or .avi. SF276
- H860005.\* VIRTUAL PLATFORM PRESENTATION (SF276) Youth design a fully automated education presentation (video, notebook, poster, etc.). Videos should be submitted to <a href="https://go.unl.edu/2023nesfset">https://go.unl.edu/2023nesfset</a> by August 15th, 2023 or videos can be uploaded to a video streaming application and exhibitors MUST provide a hard copy QR code for viewing. Exhibitors are encouraged to test their codes or links on several devices to check for permissions.
- H860006.\* 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 Web site, Blog, or App isn't live, include all files comprising the Web site, 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.
- H860007.\* **3D PRINTING** 3D printing uses plastic or other materials to build a 3 dimensional (3D) object from 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 following:
  - a. What was the motivation for your design or the problem you were solving with your design? ie. is your item a functional or decorative piece?
  - b. Please include a picture of original design, citation of designer/website OR if design is completely original (you created it using CAD software), then state that it's original. If item was not completely original, indicate what you did to the original design to modify it to better meet the design problem stated in #1 above. Its design was modified multiple times, please indicate what change was made with each modification, and what prompted the need for the change. I.e. I printed it and the design was too fragile, so I resliced the print to make thicker external walls, or to have a denser infill.
  - c. Define your process for designing/printing. What software and/or hardware was used (indicate type of 3D printer or if item was created with 3D pen)?

- d. What materials were selected for your project?
- e. If your final design has any moving parts, define how you determined appropriate allowance in your design
- f. Identify any changes that you would make to improve your design.
- H860008.\* MAKER SPACE/DIGITAL FABRICATION This project is a computer generated project created using a laser cutter, vinyl cutter, heat press or CNC router. Vector or 3D based software such as Corel Draw or Fusion 360 would be an example of an appropriate software used to create your finished project. Project should include a notebook with the following:
  - a. What motivated you to create this project
  - b. Software and equipment used
  - c. Directions on how to create the project
  - d. Prototype of plans
  - e. Cost of creating project
  - f. Iterations or modifications made to original plans
  - g. Changes you would make if you remade the project

**Team Entry Option:** To qualify for entry at the Nebraska State Fair team materials entered in H860007 – Maker Space/ Digital Fabrication must clearly be the work of a team instead of an individual, and must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.

## **DEPARTMENT ROBOTICS**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

#### **DIVISION 861 - 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 within this division.
- Team Entries: To qualify for entry at the Nebraska State Fair, team materials entered in robotics classes that are clearly the work of a team instead of an individual must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing.
- Creating a video of your robot in action would be helpful for the judges but is not mandatory. Present as a CD Rom with your robot entry.
- H861001.\* **ROBOTICS POSTER** Create a poster (14" x 22") communicating a robotics theme such as "Robot or Not", "Pseudocode", "Real World Robots", "Careers in Robots" or "Autonomous Robotics", "Precision Agri culture", or a robotic topic of interest to the 4-H'er. SF236
- H861002.\* ROBOTICS NOTEBOOK Explore a robotics topic in-depth and present your findings in a notebook. Documentation should include any designs, research, notes, pseudocode, data tables or other evidence of the 4-H'ers learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, a programming skill, calibration, sensor exploration, or any of the topics suggested in Class 1. SF237
- H861004.\* ROBOTICS/CAREERS INTERVIEW Interview someone who is working in the field of robotics and research the career in robotics. Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font, and 1" margins. Multimedia reports should be between 3 to 5 minutes in length. SF239
- H861005.\* 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. SF241
- H861007.\* **KIT LABELED ROBOT (cannot be programmed) and NOTEBOOK** SF243 This class is intended for explorations of robotic components such as arms or vehicles OR educational kits marketed as robots that do not have the ability to be programmed to "sense, plan and act." The exhibit should include a notebook with the robot the youth has constructed. Included in the notebook should be (1) a description of what the robot does, (2) pictures of programs the robot can perform, (3) why they chose to build this particular form, and (4) how they problem solved any issues they might have had during building and programming. A picture story of assembly is recommended. If robot is more than 15" inches wide and 20" inches tall they may not be displayed in locked cases.
- H861008.\* **3D Printed Robotics Parts** This class is intended for youth to create parts through 3D printing, that help create their robot or aid the robot in completing a coded function. Project should include notebook describing the process used to create the project, describe the success of your designed piece (did it work), intended use of the product and the modifications made to the item. SF244

- H861009. **3D/NON-MOBILE ROBOT** Construct out of items found around the home. Provide a short description of your robot, including steps you took to construct the robot and items used.
- H861010. **ROBOT/STEM ART** The purpose of this class is to allow artistic exhibits that contain a science and technology theme. This class can use any form of medium. Examples might include paintings, drawings, photographs, 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).
- H861011. **LEGO INITIAL** Construct the first letter of your first or last name out of Legos. Entries must not reach over 12" in height and 18" in width. Can be two or three dimensional. If two dimensional, make sure the letter is securely fastened to a poster or wood board. If 3D, please place initial on a sturdy surface and make sure it is able to stand on its own. Include a brief explanation of the exhibit.
- H861012. OTHER/CATCH ALL Other robotics exhibit that does not fit into any other class.
- H861013. **FIRST LEGO LEAGUE ~ INTO ORBIT** Any exhibit that showcases member participation in the 2017-2019 Animal Allies Season. Exhibit examples: poster board, scrapbook, brochure, etc.

#### **ROBOTICS SHOWCASE**

H861003.\* **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. All videos for state fair should be emailed to Amy Timmerman atimmerman2@unl.edu before August 15. Files must be saved in a PC compatible format with county name and last name of participant before emailing.

## **DEPARTMENT ELECTRICITY**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

In this category 4-H'ers have the opportunity to creat informational exhibits about the different aspects of electricity. Through involvement in this category 4-H'ers will be better educated about electricity and be able to present their knowledge to others. For more resources and materials in this category refer to the resource section at the bottom of the page.

- 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.
- Each individual is limited to one exhibit per class. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- 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.)
  - a. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
  - b. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
  - c. Demonstration boards should include an overall title for the display, plus other necessary labeling.
  - d. 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.

## **DIVISION 871 - ELECTRICITY 1**

#### **MAGIC OF ELECTRICITY UNIT 1**

- H871001. **BRIGHT LIGHTS** Create your own flashlight using items found around your house. Flashlights should be made out of items that could be recycled or reused. No kits please.
- H871002. **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 paper fasteners to create a circuit that you can open and close.
- H871003. **CONDUCTING THINGS** Make 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.
- H871004. **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 a 2 or 2.5 volt light bulb.

## **DIVISION 872 - ELECTRICITY 2**

## **INVESTIGATING ELECTIRICITY UNIT 2**

- H872001. **CASE OF THE SWITCHING CIRCUIT** Use the following items: two D cell batteries, two battery holders, light bulb, bulb holder, a 3" by 6" 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.
- H872002. **ROCKET LAUNCHER** Construct a rocket launcher out of the following materials: a plastic pencil box that is at least 4" by 8", single pole switch, 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" 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 ¼ inch drill bits, rocket engine 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.
- H872003. **STOP THE CRIME** Build an ALARM using the following materials: On-off push button switch, mercury switch, buzzer-vibrating or piezoelectric, 9-volt battery, 9-volt battery holder, 4" by 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 - ELECTRICITY 3**

#### **ELECTRICITY WIRED FOR POWER – UNIT 3**

- H870001.\* **ELECTRICAL TOOL/SUPPLY KIT** Create an electrical supply kit to be used for basic electrical repair around the house. Include a brief description of each item and its use. Container should be appropriate to hold items. SF224
- H870002.\* **LIGHTING COMPARISON** Display studying the efficiency of various lighting (incandescent, fluorescent, halogen, Light Emitting Diodes, etc.). Exhibit could be a poster display, or an actual item. SF225
- H870003.\* **ELECTRICAL DISPLAY/ITEM** Show an application of one of the concepts learned in the Wired for Power project. Examples include: re-wiring or building a lamp, re-wiring or making a heavy duty extension cord, or developing an electrical diagram of a house. Exhibit could be a poster display, or an actual item. SF226
- H870004.\* **POSTER** Poster should exemplify one of the lessons learned in the Wired for Power Project. Posters can be any size up to 28" by 22". SF227

## **DIVISION 870 - ELECTRICITY 3**

## **ELECTRONICS - UNIT 4**

- H870005.\* **ELECTRICAL/ELECTRONIC PART IDENTIFICATION** Display different parts used for electrical/ electronic work. Exhibit should show the part (either picture or actual item) and give a brief description, including symbol of each part and its function. Display should include a minimum of 10 different parts. SF228
- H870006.\* **ELECTRONIC DISPLAY** Show an application of one of the concepts learned in the Electronics project. Examples include: components of an electronic device (refer to page 35 of the Electronics manual).
- H870007.\* **ELECTRONIC PROJECT** Exhibit an electronic item designed by the 4-Her or from a manufactured kit that shows the electronic expertise of the 4-Her. Examples include: a radio, a computer, or a volt meter. SF230
- H870008.\* **POSTER** Poster should exemplify one of the lessons learned in the Entering Electronics Project. Posters can be any size up to 28" by 22". SF231

# **ELECTRICITY RESOURCES**

#### **ELECTRIC EXCITEMENT 1**

Explore electrical insulation; Learn about the effects of magnetism; Build and electromagnet and electric motor **URL:** <a href="https://4hcurriculum.unl.edu/index.php/main/program\_project/126">https://4hcurriculum.unl.edu/index.php/main/program\_project/126</a>

#### **ELECTRIC EXCITEMENT 2**

Decode circuit diagrams; Build circuits and test voltages; Build a rocket launcher and a burglar alarm **URL:** https://4hcurriculum.unl.edu/index.php/main/program\_project/127

#### **ELECTRIC EXCITEMENT 3**

Measure electrical usage; Replace electrical switches; Evaluate light bulbs and test for electrical power **URL:** https://4hcurriculum.unl.edu/index.php/main/program project/128

# **ELECTRIC EXCITEMENT 4**

Explore LED's and SCR's, transistors, and the construction of an SCR intruder alarm; Learn the basics of solid-state electronics; Build a blinking" flasher and an amplifier""xplore LED's and SCR's

URL: https://4hcurriculum.unl.edu/index.php/main/program\_project/129

## **DIVISION 880 - GEOSPATIAL**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

STEM Geospatial is a diverse category that includes a variety of exhibits 4-H'ers can get involved in. Through participation in this category 4-H'ers will gain more knowledge about Nebraska's rich history and diverse geography. Take close note of the rules to ensure your exhibit qualifies.

- 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 the owner of the exhibit may be identified if the entry tag is separated from the exhibit
- 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.
- Please refer to the General Rules for the policy regarding fi rearms, items with a blade, and other related items.
- Please refer to the General Rules for the policy regarding use of copyrighted images.
- Premier 4-H Science Award is available in this area.

Scoresheets, forms, contest study materials, and additional resources can be found at: https://go.unl.edu/ne4hgeo

- H880001.\* **POSTER** Create a poster (not to exceed 14" x 22") communicating a GPS theme such as: How GPS or GIS works, Careers that use GPS or GIS, How to use GPS, What is GIS, GPS or GIS in Agriculture, Precision Agriculture, or a geospatial topic of interest. SF299
- H880002.\* **4-H FAVORITE PLACES OR HISTORICAL SITE POSTER** The 4-H exhibitor identifies a favorite place or historical site (including grave sites) in Nebraska. Exhibit should include latitude and longitude, digital picture, and local area map. Poster size should not exceed 14" x 22". SF272
- H880003.\* **GPS NOTEBOOK** Keep a log of at least 5 places visited using a GPS enabled device. At least one site should be from a community other than where you live. For each site, record the latitude, longitude and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional but encouraged. SF300
- H880004.\* **GEOCACHE** Assemble a themed geocache. Each geocache should be a water-tight container. It should include a log book and pencil for finders to log their visits and may include small trinket, geo-coins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. **Register the site at geocaching.com; include a print-out of its registry.** The entry may include a photograph of the cache in its intended hiding place. SF301
- H880005.\* **AGRICULTURE PRECISION MAPPING** 4-Hers will assemble a notebook that will include a minimum of two (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. SF302
- H880006.\* 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 <a href="http://arcg.is./1bvGogV">http://arcg.is./1bvGogV</a>. For more information about 4-H history, go to: <a href="http://4hhistorypreservation.com/History Map/">http://4hhistorypreservation.com/History Map/</a>. For a step by step video on nominating a point, please go to this link: <a href="http://tinyurl.com/nominate4h">http://tinyurl.com/nominate4h</a>. Write a brief description of historical significance of 4-H place or person (a minimum of one paragraph).
- H880007.\* **GIS THÈMATIC 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 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.
- H880008\* VIRTUAL GEOCACHE Keep a log of at least 5 places visited using a virtual geocache platform. At least one site should be from a community other than where you live. For each site, record the latitude, longitude, and elevation. Also include a description of the site and a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional but highly encouraged. (SF300)

# **GEOSPATIAL RESOURCES**

#### **GEOSPATIAL**

Learn about Geography; Learn about Geographic Information Systems (GIS); Learn about Global Positioning Systems (GPS) **URL:** <a href="https://4hcurriculum.unl.edu/index.php/main/program\_project/132">https://4hcurriculum.unl.edu/index.php/main/program\_project/132</a>

## **DEPARTMENT ENERGY**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

This category provides 4-H'ers a way to present their ideas about renewable energy resources. Through participation in this category 4-H'ers will learn more about physics, friction, energy, and elasticity. In addition, participants will make a display to go along with their findings.

- The name and county of each exhibitor should appear separately on the back on 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.
- 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.
- Posters can be any size up to 28' by 22" when ready for display. Example: trifold poster boards are not 28" by 22" when fully open for display.
- Premier 4-H Science Award is available in this area. For info, go to https://4h.unl.edu/fairbook/premier-science-award

# Renewable Energy Resources:

- United States Department of Energy: https://www.energy.gov/clean-energy
- US Energy Information Administration: <a href="https://www.eia.gov/energyexplained/renewable-sources/">https://www.eia.gov/energyexplained/renewable-sources/</a>
- Natural Resources Defense Council: <a href="https://www.nrdc.org/stories/renewable-energy-clean-facts">https://www.nrdc.org/stories/renewable-energy-clean-facts</a>

Scoresheets, forms, contest study materials, and additional resources can be found at: <a href="https://go.unl.edu/ne4hphysics-powerofwind">https://go.unl.edu/ne4hphysics-powerofwind</a>

#### **DIVISION 900 - ALTERNATIVE/RENEWABLE ENERGIES**

- H900001.\* **CREATE and COMPARE ENERGY RESOURCES POSTER** Poster should explore 2 alternative/ renewable energy resources. Compare and contrast the 2 resources including two of the following information: amount of energy created, costs of production, usability of the energy, pros/cons of environmental impacts, etc. Posters can be any size up to 28" x 22".
- H900002.\* **EXPERIMENT NOTEBOOK** Notebook will explore the scientific method involving alternative/renewable energy sources. Information required: 1) Hypothesis; 2) Research; 3) Experiment; 4) Measure; 5) Report or Redefine Hypothesis.
- H900003.\* **SOLAR as ENERGY DISPLAY** 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. Examples include solar ovens, solar panels, etc.
- H900004.\* **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.
- H900005.\* **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.
- H900006.\* **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.

# **DEPARTMENT WOODWORKING**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

In this category 4-H'ers have the opportunity to create exhibits about varying levels of woodworking. In addition, participants can also create informational exhibits about their woodworking projects. Through involvement in STEM Woodworking, 4-H'ers will be better educated about the topic and better their woodworking skills.

- 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 exhibit may be identified if the entry tag is separated from the exhibit.
- **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 to build the project, and 4-H'er's name and county.
- Plans may include narrative instructions in addition to the dimension drawings and include any alterations to the original plan. Part of the score depends on how well the project matches the plans. If the plans are modified, the changes from the original need to be noted on the plans.
- All plans used for making the article must be securely attached and protected by a clear plastic cover.
- 4-H'ers must be in Unit 3 or Unit 4 for the exhibit to be considered for State Fair.
- All projects must have appropriate finish. If the project (i.e. ,picnic tables, wishing wells, swings, chairs, bridges, doghouses, etc.), is designed to be used outside, it will be displayed outside at State Fair.
- All outside projects MUST have entry tag and supporting information placed in a protective bag to prevent damage from weather events such as rain and be ATTACHED to projects with string, zip ties, etc.

Scoresheets, forms, contest study materials, and additional resources can be found at <a href="https://go.unl.edu/">https://go.unl.edu/</a> ne4hwoodworking

## **DIVISION 910 - WOODWORKING UNIT 1 & 2**

## **MEASURING IT UP - UNIT 1**

- H910001. **WOODWORKING ARTICLE** Item made using skills learned in the Measuring Up Project. Examples include: flower box, letter or napkin holder, or picture frame.
- H910002. **WOODWORKING DISPLAY** Display exemplifying one of the principles learned in the Measuring Up Project. Examples include: butt joint, measuring, sanding.

# **MAKING THE CUT - UNIT 2**

- H910003. **WOODWORKING ARTICLE** Item made using skills learned in the Making The Cut Project. Examples include: letter or napkin holder, birdhouse, footstool.
- H910004. **WOODWORKING DISPLAY** Display exemplifying one of the principles learned in the Making The Cut Project. Examples include: wood types, angle cutting, liquid finisher.
- H910005. OTHER WOODWORKING ARTICLE Item made using skills learned in Unit I or Unit II.

#### **DIVISION 911 - WOODWORKING UNITS 3 & 4**

#### **NAILING IT TOGETHER - UNIT 3**

- H911001.\* **WOODWORKING ARTICLE** Item should be made using either joints, hinges, dowels, or a dado joining made using skills learned in the Nailing It Together Manual. Item is required to be appropriately finished. Examples include: bookcase, coffee table or end table.
- H911003.\* **RECYCLED WOODWORKING DISPLAY** Article made from recycled, reclaimed or composite wood. Article must be appropriately finished **and/or** sealed and utilize one or more woodworking techniques from page 2 of the Unit 3 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the engineering design process was used to develop the woodworking plan. Engineering Design Process
  - 1) State the problem (Why did you need this item?)
  - 2) Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
  - 3) Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
  - 4) Build the item (What was your woodworking plan, and what processes did you use to build your item?)
  - 5) Reason for article finish (What type of finish, how did you finish or why you choose this finish?)
  - 6) Evaluate (How does your item solve the original need?)
  - 7) Present results (How would you do this better next time?)
- H911004.\* **COMPOSITE WOOD PROJECT** (SF96) 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.

- H911005.\* **OUTDOOR WOOD PROJECT MADE WITH TREATED WOOD** (SF97) 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.
- H911006.\* WOOD PROJECTS CREATED ON A TURNING LATHE Article is the object created from spinning wood on a turning lathe. Article must be appropriately finished and/or sealed. Exhibit must include plans detailing design and process of completion, any changes made to the design, details of finishing techniques, and other relevant information about the article. Must include a description of tools used.

## **FINISHING UP – UNIT 4**

- H911007.\* **WOODWORKING ARTICLE** Item made using skills learned in the Finishing It Up Project. Examples include: dovetailing, making a pen using lathe, overlays, using a router, etc. Item is required to be appropriately finished.
- H911008.\* **RECYCLED WOODWORKING DISPLAY** Article made from recycled, reclaimed or composite wood. Article must be appropriately finished **and/or** sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the design and engineering process was used to develop the woodworking plan. 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) Reason for article finish (What type of finish, how did you finish or why you choose this finish?)
  - 5) Build the item (What was your woodworking plan, and what processes did you use to build your item?)
  - 6) Evaluate (How does your item solve the original need?)
  - 7) Present results (How would you do this better next time?)

## **DEPARTMENT WELDING**

PREMIUMS: Purple-\$4.50; Blue-\$4.00; Red-\$3.50; White-\$2.50

This category helps 4-H'ers learn the basics of welding. In addition, 4-H'ers get the opportunity to present their knowledge on the topic and display what they have made. Involvement in STEM Welding gives participants a fi rst-hand experience in a skill that can be used for a lifetime.

- 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.
- 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 stating:
  - 1. Type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.)
  - 2. Kind of weld
  - 3. Welder Setting
  - 4. Electrode/wire/rod size
  - 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.

- Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- 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.
- If no plans are included with welding article or welding furniture, item will be disqualified.
- All outside projects MUST have entry tag and supporting information placed in a protective bag to prevent damage weather events such as rain and be ATTACHED to projects with string, zip ties, etc.

Scoresheets, forms, contest study materials, and additional resources can be found at https://go.unl.edu/ne4hwelding

## 4-H Welding Project Tips and Suggestions

## CLASS 1

- All welds should be made with the same electrode/wire/rod size and number.
- Welds should be made only on one side of metal so penetration can be judged.
- 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.
  - 1. It is suggested that all welds be of 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 a new cold rolled strap iron and cut it to length.
  - 2. 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.
- Stick welding
  - 1. Suggested coupon thickness 1/4" if using 1/8" rod
  - 2. Suggested rod AC and DC straight or reverse polarity first E-7014, second E-6013
- MIG welding
  - 1. Suggested coupon thickness 1/4" if using .035 wire and 1/8" if using .023 wire
- Oxy-Acetylene
  - 1. Suggested coupon thickness 1/8" 2. Suggested rod 1/8" mild steel rod

#### CLASS 2

- 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" 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.
- 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.

#### **CLASS 3 & 4**

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.

#### **DIVISION 920 - WELDING**

- H920001.\* WELDING JOINTS A display of one butt, one lap and one fillet weld.
- H920002.\* **POSITION WELDS** A display showing three beads welded in the vertical down, horizontal and overhead positions.
- H920003.\* **WELDING 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 alterations, 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.
- H920004.\* **WELDING FURNITURE** Any furniture with 75% welding is used in the construction. 60% of item must be completed by a 4-Her and notes regarding laser welding or machine welding must be included. All plans, plan alterations, dimensions 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.
- H920005. PLÁSMA CUTTER/WELDER DESIGN Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4-Hers will create a notebook describing the design process to create the "artwork" to butt cut into the metal. This exhibit is not eligible for State Fair. In the notebook include:
  - A) A photo (front and back) of the finished project. Also include detailed photographs of the project to allow judges to examine cuts.
  - B) Instructions on how the design was created, this allows for replication of the project.
  - C) Lessons learned or improvements to the project.
- H92006.\* **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. (SF280)



# **2024 NANCE COUNTY 4-H COUNCIL**

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A special "THANK YOU" to the following for your continued support to the youth in our county!

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