

**CASS  
COUNTY  
FAIR  
4-H**



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♥ head ♥ heart ♥ hands ♥ health ♥

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**2023  
Premium Book**

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# 2023 Cass County Fair 4-H Schedule

**PRE-FAIR**

June 15

- June 15 Livestock DNA Envelopes & ID Sheets for State
- June 23 Fair, Ak-Sar-Ben & County Fair Due
- State Communications Event
- July 22 Shooting Sports-Shotgun Ashland Gun Club
- July TDB Shooting Sports - BB Gun & Air pistol Shooting
- July 27 Sports - .22 & Air Rifle WW Gun Club Shooting
- July 29 Sports - Archery - CC Fairgrounds
- July 30 Livestock entry due
- July 30 Fashion Show/Modeling Judging
- July 30 Table Setting Contest
- TDB Rocket Launch Contest
- Aug 5 Livestock Buildings, 4-H Building, and Grounds Clean-up 9 a.m.
  
- Aug 4 Horse Judging 6 pm

**FAIR WEEK**

**SUNDAY, AUGUST 6**

- 10:00 am Horse Halter/Performance Classes
- 4-6 pm Entry of all 4-H Exhibits except Livestock, Rabbits, Poultry, & Small Animals

**MONDAY, AUGUST 7**

- 8:00 am Judging to begin in all divisions (except Livestock, Rabbits, Poultry, & Small Animals)
- 8:00 - 10 am Enter 4-H Flowers & Vegetables (can be entered Sunday night)

**TUESDAY, AUGUST 8**

- 9:00 am 4-H Horse Speed Classes
- 5:00 pm All Sheep/Goats must be on the Fairgrounds
- 5:00 pm Weigh in Meat Goats
- 5:00-6:30 pm Check in Sheep (Breeding ewes must be checked in at the table after Market Lambs weigh)
- 6:30 pm Cake Auction / Awards Presentation at the Open Air Auditorium).
- 10 am-9 pm Swine arrive and notches checked
- 8:00-10:30 pm Enter Rabbits & Poultry - 4-H and Open Class

- 7:00-9:00 am Swine weigh in and Hog Scanning for Carcass Contest (4-H Member or family member must be with pigs when weighed in)
- 10:00 am Market Beef & Breeding Heifers on the fairgrounds
- 7:00 am All Dairy Goats, Other Goats & Dairy Cattle in place on fairgrounds. (Dairy Goats & Dairy Cows in milk may be released after the show)
- 8:00am Dairy Cattle, Dairy Goat & Other Goat show
- 11:00 am Meat Goat Show
- 1:00 pm Sheep Show
- 5:30 pm Clover Kid Bucket Calf Show followed by regular 4-H age Bucket Calf Show (Bucket calves arrive by 4:00 pm and are released after the show.)

**THURSDAY, AUGUST 10**

- 8:00 am Swine Show
- 8:45 am Poultry Check-in (arrive Tuesday) Poultry Showmanship - 4-H & Open Class
- 10:00 am Market Beef weigh-in/Breeding Heifer check-in
- 2:00 pm Skill-A-Thon

**FRIDAY, AUGUST 11**

- 6:30 am Feeder Calves must be on the fairgrounds Feeder Calf check in ends
- 7:00 am Feeder Calf, Cow/Calf, Breeding Beef & Market Beef Show
- 9:00 am Rabbit Show (Arrive Tuesday evening) 4-H Showmanship and 4-H Rabbit Show followed by Open Class Rabbit Show
- TBD Fitting Contest
- 4:00 pm Round Robin Contest

**SATURDAY, AUGUST 12**

- 9:00 am Livestock Judging Contest, register at 8:30 a.m.
- 11:00 am 4-H Fashion Show and Performing Arts Contest in the Open Air Auditorium.
- 2:00 pm 4-H Livestock Premium Sale
- 6:00 pm Parade - Horses, Dairy and Beef animals welcome in the parade
- 7:30 pm Horse 4-H Fun Night (Horse Arena)
- 10:00 pm Release all static exhibits in 4-H Building, Horses, Rabbits, Poultry. Rabbits and Poultry will not have a Sunday release.
- TDB Goat Costume Contest

**SUNDAY, AUGUST 13**

- 6:00 am – 9:00 am Continue Release of Horses and other Animals
- Fairgrounds clean up

\*\*\*No Livestock leaves Saturday Night  
**No Sunday release of Rabbits and Poultry. \*\*If pens and stalls are left unclean, exhibitor premiums will be held.** Continue release of Exhibits, & clean-up buildings and grounds

# 4-H DIVISION

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

## Cass County Extension Personnel

Lauren Stohlmann, Extension Educator & Unit Leader  
Carol Waters, 4-H Extension Educator  
Tammy Cavanaugh, 4-H Staff  
Sandra Prall, Office Manager

The office is located at:

8400 144<sup>th</sup> Street, Suite 100 Weeping Water, NE 68463-1932  
Phone: 402 267-2205  
4-H Office Phone (during Fair) 402 267-4415 Web Site: [www.cass.unl.edu](http://www.cass.unl.edu)  
E-mail: [cass-county@unl.edu](mailto:cass-county@unl.edu)

The Cass County 4-H Council is made up of elected adults and youth from Cass County. Its purpose is to plan 4-H activities at the county level. Officers of the 4-H Council are:

Chair – Bryan Freel  
Vice-Chair – Brandi Lambert  
Secretary – Shawn Kavanaugh  
Treasurer – Krystl Knabe

## GENERAL 4-H RULES

All 4-H exhibits to be entered Sunday, August 6, 2023 from 4:00 to 6:00 pm, except livestock, rabbits, poultry, small animals. Static entries must be pre-entered online by August 4, 2023.

Flowers and vegetables may be entered Sunday evening or Monday morning from 8 to 10 a.m. **Livestock, Horse, Rabbits, and Poultry must be pre-entered by July 30, 2022. All other contests/events check pre-entry dates under that contest/event.** No individual may enter more than one exhibit in the same class **unless otherwise stated. All exhibits may be exhibited at only one county fair.**

No exhibits to leave before release time (except as noted in the 4-H Schedule of Events). Release time to be August 12<sup>th</sup> at 10 pm for projects including those in the 4-H Building, rabbits, poultry. On Sunday, August 13<sup>th</sup> livestock will be released after the barn is cleaned and all stalls are cleaned.

- All 4-H members who are enrolled in the project in the **4-H Online** Program in the County Extension Office by June 15 will be permitted to take part in Cass County 4-H Fair.
- **Use or possession of alcoholic beverages or drugs (except for medical purposes) by any exhibitor who is participating in 4-H at the Cass County Fair will result in immediate disqualification of that exhibitor's entries.**
- Exhibits will be divided into groups of merit. Purple (P) ribbons will denote a superior exhibit; Blue (B) ribbons will denote an excellent exhibit; Red (R) ribbons will denote a good exhibit; White (W) ribbons will denote a merit exhibit of not such high quality. Purple ribbons are the only ribbons eligible for Champion or Reserve Champion.
- **Those exhibits with 900 or larger class numbers are county only.**
- Entries must meet specified entry guidelines.
- In State Fair classes where presence of the 4-Her is required for judging purposes such as animal exhibits, judging contests, and Fashion Show; a 4-H member must have reached his/her 9<sup>th</sup> birthday but not have passed his/her 18<sup>th</sup> birthday on/by January 1 of the current year.
- Dress Code: 4-H exhibitors participating in 4-H events must adhere to the 4-H dress code. Beef, Swine, Sheep, Meat Goats, Dog, Poultry, and Rabbit participants should wear dark colored or blue jeans with a 4-H T-shirt or a white shirt or blouse with sleeves with the official 4-H chevron and no headgear. **4-H T-shirts can be purchased at the Extension Office before the fair and at the 4-H Office on the fairgrounds during the fair.** Hard soled shoes or boots should be worn. Shorts, halter tops and midriffs are not appropriate. Dairy Cattle and Dairy Goat exhibitors should adhere to the above code, except that white jeans or trousers are recommended.
- Horse participants should wear the dress and equipment described under "General Show Rules" in the Nebraska 4-H Horse Show and Judging Guide handbook.

## Cass County 4-H Protest Policy

- The respective superintendent has the authority to make appropriate decisions based on the Cass County 4-H Premium Book and Nebraska 4-H Policy. When needed, a 4-H Council Protest Committee shall be appointed to serve as a protest review group. They will meet when needed to act upon concerns. The Protest Committee shall be comprised of an Extension Educator, 4-H Council Executive Committee member, the head superintendent of the department where the dispute arose, and a fair board member.
- All protests must be submitted in writing and signed by the protester. The written protest must be submitted to a Cass County Extension Educator.
- Protests will not be accepted more than 24 hours after the conclusion of the 4-H activity/event. Protests regarding a fair exhibit will not be accepted after the exhibit is released from the Cass County Fair.
- Protests related to judges' integrity, decisions, placings, or other evaluations will not be accepted.
- The written protest must include: 1. Names of the persons involved 2. Cause of complaint or appeal 3. Situation and documentation 4. Recommendations for correction 5. Specific action, rule, etc., in question 6. Additional persons the committee may contact for clarification 7. Procedures and/or steps carried out by the person involved prior to submission of the protest to the 4-H Council Protest Committee. 8. A \$20 deposit will accompany the written protest, which will be forfeited if the protester does not attend the protest resolution meeting. (The deposit will be forfeited if the protest is not sustained.)
- The committee will respond to the written protest in a timely manner. They may discuss the situation with affected persons and show officials. Recommendations will be developed, followed, and communicated to the group or individual affected.
- In cases of protest the 4-H member/parent/leader may continue to participate, but results of participation will be subject to change based on the outcome of the protest process.
- The 4-H Council Protest committee and Event leadership reserve the right to withhold any award. The 4-H member/parent/leader may be excluded from 4-H if action warrants.

<b>Premium Scale</b>				
	<b>Purple</b>	<b>Blue</b>	<b>Red</b>	<b>White</b>
1.	\$11.00	\$9.00	\$7.00	\$5.00
2.	\$5.00	\$4.00	\$3.00	\$2.00
3.	\$4.00	\$3.00	\$2.00	\$1.00

## 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.
- **Curriculum Areas Targeted:** Animal Science, Communications/Expressive Arts, Consumer & Family Sciences, Environmental Education and Earth Science, Healthy Lifestyles, Leadership & Citizenship, Plant Sciences, Science Engineering & Technology (SET).
- **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 the exhibit at entry time. Only one exhibit per youth will be eligible for the Premier 4-H Science Award.
- **Check-In:** During static exhibit check-in, Premier 4-H Science Award applications will be dropped off at the designated area for the curriculum area related to the project. The superintendent will move the project to the General Areas judge to be critiqued for the Premier Science Award.
- **Judging:** The General Areas judge will sort the Premier Science Exhibits. A score sheet will be used to judge each exhibit. Exhibits which do not have a completed application can be disqualified at the discretion of the judge.
- **Recognition:** All projects entered in this class will be recognized with a ribbon.
- **Application/entry form to be used is on the following page or can be found at [cass.unl.edu](http://cass.unl.edu)**

## Premier 4-H Science Award Application

Name: \_\_\_\_\_ Age: \_\_\_\_\_

Original Department (i.e. H) \_\_\_\_\_ Division \_\_\_\_\_ Class \_\_\_\_\_

1. How is 4-H Science (science, engineering, technology or applied math) used in your project?
2. Before beginning your project, what did you, as a scientist want to learn about/explore?
3. What information did you gather in preparation for your project?
4. What was your hypothesis (“educated” guess) of what would happen?
5. What steps did you take in your project/experiment?
6. What happened (what did you notice/what worked well)? Who did you share your results with?
7. What would you do differently next time?
8. What careers or real life situations can you connect to your project?

NOTE: Must attach a photograph of your project. The photograph will not be used for judging

## 4-H CAKE AUCTION

Tuesday, August 8<sup>th</sup>, 6:30 p.m., Fairgrounds Open Air Auditorium

Superintendent: Michelle Lindsey

**Register in 4HOnline using the "Events" tab**

An opportunity for all 4-Hers 8-18 (NO Clover Kids) to participate and showcase their baking and /or decorating skills.

1. **4-Hers must enter at least one exhibit in the 4-H section of the Cass County Fair to participate.**

2. Limit one item per 4-Her or 4-H Club. Select one of the following choices:

- fancy cake
- decorated cake
- pie (no cream pies)
- specialty bread
- specialty cookies

Please no pre-made mixes or purchased baked items – **all items must be made from scratch**

3. 4-Her must be present at Auction to walk across stage with their baked item.

4. 4-Her receives ½ the price of the auctioned item, 4-H Council receives the other ½.

5. 4-H leader may enter an item on behalf of their club (club receives ½ the price) but one of their 4-H members must walk across the stage with the baked item.

6. Pre-register in 4HOnline using the events tab.

7. Minimum bid is \$5

Baked items must be checked in between 5:00 and 6:00 p.m. Tuesday, August 8 at the 4-H Building meeting room located between the 4-H Office and 4-H Building exhibits on the Fairgrounds (please use the south door). 4-Her is responsible for the item; but efforts will be made to keep items in biddable condition.

8. No items entered for judging on Sunday, August 4, in the 4-H foods division will be eligible for the cake auction. A duplicate item may be made for the auction and brought on Tuesday.

9. Process example:

- Numbers will be assigned by a random drawing of pre-registrations and will be attached to the baked item.
- 4-Hers will line up according to number assigned to their baked item.
- 4-Her will hold the item on stage during the bidding process.
- 4-Her will exit the stage, have their picture taken with the buyer and a volunteer will then take the baked item to the cashier.
- Buyer will pay for the item with the cashier and will then receive the baked item.

**Reminder: No cream fillings or perishable ingredients! Due to hot weather, we need to be aware of food safety issues for all 4-H supporters buying baked items. Please follow this simple guideline in order to keep the cake auction a part of the Cass County Fair. We do not have refrigeration available!**

## GENERAL 4-H LIVESTOCK RULES

1. A single exhibitor may be allowed 2 beef breeding heifers, 2 market beef, 2 feeder calves, 3 performance horses (plus 2 halter only horses), combination of 5 market and/or breeding hogs if one market is purebred hog or 1 breeding is purebred, max of 3 crossbred market swine, 3 market lambs, 3 breeding ewes, (no more than 2 lambs, yearlings or aged), 1 ram lamb, 3 dairy animals, 6 rabbits, 3 poultry per class, 6 dairy goats (does only), 5 meat goats (any combination of market and breeding with max of 3 market) and 3 dogs. 4-Hers and Clover Kids may exhibit only 1 bucket calf. **NO BULL CALVES.**
2. Youth Quality Assurance of Animals (YQCA) Training: 4-Hers exhibiting beef, sheep, swine, dairy cattle, dairy goats, meat goats, poultry, or rabbits must have completed the YQCA on-line self-directed quality assurance modules at [yqcaprogram.com](http://yqcaprogram.com) or have completed a face-to-face training. Completion of training will be certified by 4-H staff.
3. Only purple ribbon exhibits will be eligible for trophies, champion or reserve champion rosettes or championships in the large animal areas.
4. Exhibitors may not change entered animals between family members after the final weigh in at the county fair without approval of the show's superintendent.
5. Animals that have active ringworm, or visible warts will not be allowed to show.
6. Owner must show his/her own animal. Exhibitors with more than one entry per class may use another Cass County 4-H exhibitor as a substitute, except in performance horse classes.
7. 4-H exhibitors selected for showmanship finals in a division may not switch animals. They must use the animal they were selected with.
8. **Preparation and grooming of an animal should be the primary responsibility of the exhibitor; however, assistance may be provided by other 4-H or FFA Exhibitors, immediate family members or another person acting in a mentoring and teaching capacity. The intent of this policy is to promote and foster youth development and a high-quality learning experience which are the core values of 4-H.**



9. No paint or artificial coloring may be used above the flank of any calf. Exhibitors showing animals with detectable artificial coloring will be dropped a ribbon.
10. Exhibitors furnish their own livestock bedding except for beef animals. Sheep, goat, and swine areas must use wood chips for bedding. **NO STRAW ALLOWED**
11. All livestock must be pre-entered by **July 30**. Stall reservations are due **July 30** at the Extension Office for all livestock.
12. One stall divider is allowed every 3 beef animals. Stall dividers may be installed on panel seams, club ends, and aisle ends. Stall dividers are optional on a per club basis. Stall dividers may also be used in swine pens.
13. Clubs must use their assigned stalls. Those in stalls not assigned to them will be asked to move.
14. Blocking chutes must be kept in designated areas of the livestock barn, not in alleyways. Blocking chutes must be tagged with the name of the exhibitor and the 4-H club's name. Tags will be available in the 4-H Office.
15. The number of beef cattle blocking chutes inside will be pro-rated by the superintendent to determine the number of inside slots each club gets. Clubs must provide their own chutes, and clubs decide which family will put their chute inside.
16. The swine show is not a terminal show. Swine exhibitors must conform to the County Fair Swine Health Regulations before being allowed to exhibit. All animals must be in good health. Any questionable animal will be subject to a veterinarian's examination.
17. All fans will be attached to the divider tie rails. No fans in rear of animals regardless of equipment.
18. All "meat breed" breeding sheep must be slick shorn within 7 days of the show.
19. Breeding heifers are not to be released after the show.
20. Breeding ewes are not to be released after the show unless space is unavailable. Ram lambs are NOT kept on the fairgrounds.
21. Animals not being exhibited at the fair should not be on fair grounds unless prior arrangements have been made with the Fair Manager.
22. Animals must stay within the sucker rod fence after check in. If an animal leaves the area, the animal will only be eligible for 1st blue and will not be considered for champion or reserve champion.
23. **NO BULL CALVES**

### **4-H LIVESTOCK PREMIUM SALE**

Superintendent Krystl Knabe

The 4-H Livestock Premium Sale is a promotional activity for the Cass County 4-H Program. Hopefully, the 4-H member will view the premium sale as an opportunity to show the county his/her achievements in the livestock project. This premium sale is for market livestock only.

1. All market animals to be in the sale must be consigned to the sale by 30 minutes following their show. Market beef, sheep, swine, and meat goat exhibitors putting their animals in the premium sale will sell them as premium only, meaning dollars per head not cents per pound. Exhibitors will have the choice of retaining ownership or shipping the animal for sale. Exhibitors retaining ownership will only receive the premium from the premium sale. Exhibitors of shipped animals will receive the premium from the buyer in addition to the sale proceeds from the buyer of the animal. Premium sale buyers of animals eligible for sale will still have the opportunity of purchasing it for the base bid per pound times the animal's weight in addition to the premium bid on the sale.
2. Owners of animals participating in the premium sale are to be at their pens and/or stalls to take the animals through the sale ring. If they are not present, the animal will not be sold. You must bring your own animal to the ring unless arrangements are made with the 4-H Council prior to the Cass County Fair entry date.
3. Sale weight will be the weigh-in weights. No re-weighs allowed.
4. All 4-H members must wear official 4-H shirts when taking their animals through the 4-H premium sale.
5. Each exhibitor is allowed to sell one (1) animal of each species
6. Any 4-H project animal that has been offered for sale where the intent of the sale is change of ownership, is ineligible for the 4-H Livestock classes at the Nebraska State Fair.
7. Only Fryer Class rabbits (G-083-980 and G-083-981) are allowed to participate in the premium sale.
8. To qualify for the sale, market animals must meet the following weight requirements:

<b>Minimum Weight</b>	
Steers	1,000 lbs.
Heifers	900 lbs.
Lambs	85 lbs.
Hogs	225 -- max 320 lbs.
Meat Goats	45 lbs.

9. **A charge of \$9 per head for all livestock will be assessed to defray premium sale expenses.**

10. All animals must stay in pens on dry bedding until after the sale.
11. No cleaning of pens will be allowed during the premium sale.
12. Sale Animal Rotations:

2023	2024	2025
Meat Goats	Beef	Swine
Beef	Swine	Sheep
Swine	Sheep	Meat Goats
Sheep	Meat Goats	Beef
Rabbits	Rabbits	Rabbits

## HERDSMANSHIP

**All 4-H clubs exhibiting livestock will be judged on Herdsmanship.  
No entry cards are necessary.**

### **BEEF, SWINE, DAIRY, & SHEEP/ GOAT & HORSE**

Premium 1

(Sheep, dairy goats, and meat goats are judged together.)

Herdsmanship Judging will take place from 9:00 a.m. to 6:00 p.m. Thursday through Saturday of the Fair. Each exhibitor is expected to do a good job as herdsman. Club, as well as Champion, signs may be hung. No other signs or displays will be permitted. Stalls and pens are to be cleaned of all manure and bedding when animals are released. At least one attendant should be present at the club exhibit between 9:00 a.m. and 6:00 p.m. daily. The club will be the unit of award. A herdsmanship check will be conducted one hour after the show but not before that time. Pens will be checked following the release times on Sunday.

**Herdsmanship Awards will be awarded as listed below based on the following score card.**

<b>1</b>	<b>Cleanliness of alleys and stalls or pens</b>	<b>55 points</b>
	Bedding, adequate, bright, clean, dry and in place  Manure hauled out and deposited in proper place  Alleys clean	
<b>2</b>	<b>Arrangement of Exhibit</b>	<b>10 points</b>
	Exhibits lined up in attractive manner  Feed boxes and miscellaneous gear in proper place  Hay and straw neat and orderly  Big objectionable boxes out of the way	
<b>3</b>	<b>Appearance of Animals</b>	<b>30 points</b>
	Animals clean and brushed  Animals securely tied or penned. (Beef animals must be double-tied with a halter and a neck rope with an 18"-20" lead.)  Animals in stalls or pens, except for weighing, washing, showing or exercising	
<b>4</b>	<b>Stall Cards</b>	<b>5 points</b>
	Neatly written and arranged  Clean	

## ROUND ROBIN SHOWMANSHIP

Superintendent Matt Hammer

Friday August 11, 4:00 p.m., Livestock Show Ring

The Contest will consist of five, ten-minute stations (each of the species) plus three minutes in between stations (to allow exhibitors to get to the next station and ready to show). The contest will begin with a livestock production and quality assurance exam for all involved species. Exhibitors will use their own animals unless permission is given by a round robin superintendent.

**General Information:** The contest will consist of ten exhibitors, two from each of the following senior showmanship areas: beef, sheep, swine, meat goat, horse. The contest gives 4-H exhibitors a chance to learn about other species of livestock and develop camaraderie and dialogue between exhibitors of different livestock species. The hope is that the showmen will take the time to learn about the other species, they will show in the round robin. Their knowledge will be tested through an exam that will factor into their final score. Judging will be based on ring etiquette, awareness of the judge, answering judge's questions, ability to follow instruction, and appearance in the ring.

All youth will meet at the horse arena after taking their exam and do all horse rounds first. The other rounds will follow in the livestock arena.

Each showman is responsible for supplying their animal and all items necessary to show that animal.

**Choosing Exhibitors:** Senior showmen will be chosen through their respective livestock showmanship classes. The senior champion and reserve showman are eligible for the round robin competition. If a senior showmanship winner does not wish to participate in round robin, the third-place senior winner will be asked to participate. If the third-place winner declines, the next senior purple ribbon winner will be asked. If all purple ribbon senior showmen decline, the champion intermediate showman will be invited to participate. If an exhibitor wins or receives a reserve place in more than one species showmanship class, they will choose the species they would like to represent. In this instance, another exhibitor will be chosen for the area(s) in the same manner as if an exhibitor would turn down the opportunity. The winner will represent Cass County in the State Fair Elite Showman Contest.

<b>Awards</b>	Champion	Cash Award & Chair	Sponsored By: Matt & Rallyn Hammer
	Reserve	Cash Award & Chair	Sponsored By: Matt & Rallyn Hammer

## LIVESTOCK FITTING CONTEST

Superintendent Jeff Neumeister

TDB

Register in 4HOnline using the "Events" tab

- Registration will be open to all exhibitors- must exhibit livestock at the 2023 Cass County Fair
- Each team will consist of 3 or 4 individuals. (depending on the number of entrants) Youth can only enter a beef animal, market lamb or meat goat to fit for the contest. Youth can only compete in one team, with one animal. Teams can be made up of 4-Hers that show any livestock. It is not limited to exhibitors that show beef, market lamb, or meat goat.
- Teams will compete in two divisions - Junior (8-13) and Senior (14-18). Juniors will have 30 minutes and may ask **ONE** adult to advise only. Seniors will have 30 minutes with no adult.
- All members of the team must wear a Cass County 4-H show shirt.
- Each team will be responsible for providing an animal to fit. Animals used for the contest must be owned by one of the team members participating. The animal should be washed, dried and ready to be groomed.
- Chutes or stands, clippers and blowers will be available for teams to use, but they are welcome to use additional equipment or supplies they own. Once the contest begins, no team member may leave the area. All supplies must be with the team member with the contest starts.
- All team members, fitting equipment, and animals should be in place 5 minutes before the start of the contest.
- Each team member must fit a leg, use the clippers and blower at some point in the contest. The judge will also ask questions of the team during the contest.
- Once time is called, one member from each team will take the animal from the chute or stand and exhibit the animal for the judge, as they would for a normal livestock show.
- The judge will rank teams based on the following: \* Ability to fit and overall effect - 20 points: \*Organization of supplies and equipment - 5 points: \*Participation of each team member - 10 points: \*Participation of each team member - 10 points: \*Knowledge and response to questions - 10 points: \*Showmanship of the animal - 5 points.
- Contestants may not receive any help or advise from anyone outside of their team during the contest - with the exception of the Junior division team who may have **ONE** adult to **advise only**.
- The judge may ask the team questions regarding their knowledge, abilities, procedures, etc.
- Teams must register in 4HOnline using the "Events" tab before Thursday, August 10th @ noon. One member of the team will register, and list the members of their team in the notes section of their registration.
- Premium 3

# CASS COUNTY COMMUNICATIONS EVENT

*April 16, 2023, 2 pm Cass County Fairgrounds ExpoBuilding  
Register in 4HOnline (04/10/2023 Deadline)  
Premium 3*

Prepared Speech  
Radio Public Service Announcement (PSA)  
Illustrated Presentation  
Impromptu Speech  
Video Communication  
Clover Kid Division

More details can be found on the website: <https://extension.unl.edu/statewide/cass/cass-county-fair/> or scan the QR Code



## PERFORMING ARTS CONTEST

Superintendent: Margaret Stamp  
*Saturday, August 12, at 11:00am., Cass County Fairgrounds*  
Register in 4HOnline using the events tab.

### RULES

- Each group must have three or more participants, all must be Cass County 4-H Members. A 4-Her may perform in more than one group at the county level.
- Each participant will wear a 4-H chevron or other prominent 4-H identification. 4-H chevrons may be purchased at the Cass County Extension office or the 4-H office on the fair grounds the day of the contest.
- Be aware that there are only the restrooms on the fairgrounds as changing facilities.
- Each group must furnish it's own music.
- Solos are limited to three minutes
- Premium 3

### DIVISION 155 - PERFORMING ARTS

#### M-155-971 DRILL OR DANCE ROUTINES

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.

#### M-155-972 SONG GROUP

#### M-155-973 SOLO, DUET, COMBO, OR BAND (vocal or instrumental)

#### M-155-938 CLOVER KID SONG GROUP

#### M-155-939 CLOVER KID DRILL OR DANCE ROUTINE

## DEPARTMENT C FASHION SHOW

Superintendent Margaret Stamp

**Fashion & Modeling Contest Sunday July 30<sup>st</sup> @ Cass County Fairgrounds**

***Saturday, August 12, at 11:00am., Cass County Fairgrounds***

***Register in 4HOnline using the "events" tab***

Advanced registration should be submitted to the Extension Office by **July 25<sup>th</sup>**, **Fashion and Modeling Contest judging will be held on Sunday, July 30 @ 5pm at the Expo Building, Cass County Fairgrounds. A schedule with times assigned will be emailed to 4-H members who have preregistered by July 25 for the Fashion Show. Clothing entries not modeled in the Fashion Show should be entered August 6 from 4-6 pm. Closed door judging on July 30th.**

4-Hers may enter only one modeling class except for Shopping in Style or Attention Shoppers. However, an individual may model items from more than one category. For example: a 4-Her entered in STEAM Clothing 2 may carry a tote bag from Beyond the Needle.

All 4-H members modeling before the judges on **July 30, 2023** will be expected to model in the public Fashion Show at the County Fairgrounds on **Saturday, August 12**, at 11:00 am.

4-Hers not modeling in the public Fashion Show will not receive premiums. Awards will be presented at the public Fashion Show.

For a description of the specific types of garments allowed in each project, refer to Department C - Clothing. Garments should be age appropriate.

### DIVISION 410 - FASHION SHOW

Premium 3

#### **C-410-936 CLOVER KID FASHION SHOW (Ages 5-7)**

Clover Kid may model what they have sewn.

#### **C-410-971 MODELING STEAM 1 GARMENT/ITEM**

4-H'er may wear and/or carry one or more items made in this project. A purchased top or bottom may be worn complete the outfit.

#### **CI-410-972 MODELED BEYOND THE NEEDLE ITEM**

4-H'er may model a purchased, constructed, original design or recycled garment to which surface embellishment has been applied or a textile clothing accessory. 4-Her's must show their own original creativity.

#### **CII-410-973 MODELED MAKE ONE/BUY ONE ITEM**

Combine a sewn, knitted, or crocheted garment(s) with a purchased item to make a complete wearable outfit. Both items must be modeled. 4-H members enrolled in Knitting, Crocheting, Clothing Level 2, Sewing for you or Tailoring may enter this class. It is okay to combine a knitted or crocheted garment with a garment that the 4-Her has also sewn. Please indicate this on the entry form

#### **C-410-974 MODELED RECYCLED GARMENT or OUTFIT REDONE**

An article of clothing made from a garment(s) from a secondhand, thrift or vintage clothing store or purchased at a garage sale or is a hand-me-down. The garment(s) modeled must be cut into or taken apart in some way in the "redesign" process.

#### **C-410-975 MODELED RECYCLED ACCESSORY REDONE**

An accessory is made from a garment purchased from a secondhand thrift, vintage clothing store, or a garage sale or is a hand-me-down. The garment(s) modeled must be cut into or taken apart in some way in the "redesign" process. Examples: purse, backpack, tote bag, gloves, mittens, scarf, hat, etc.

#### **C-410-976 MODELED ATTENTION SHOPPERS GARMENT OR OUTFIT**

Outfit must have been selected and purchased for a particular purpose (sports, temperature control, everyday, dress up or work wear) Judging of this class will include answering questions about your choices and decisions on the garments selected.

#### **C-410-977 NIFTY THRIFTY**

Purchase/find an outfit at thrift stores/garage sales etc for \$20 or less (this does not include shoes or undergarments) Complete the Nifty Thrifty Report and register!

**C-410-010 MODELED BEYOND THE NEEDLE EMBELLISHED GARMENT WITH ORIGINAL DESIGN (SF117)**

Garment is created 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. Embellished purchased garment(s) with original design entries and textile clothing accessory entries are not accepted.

**C-410-015 MODELED BEYOND THE NEEDLE GARMENT FROM AN ORIGINAL DESIGNED(SF117)**

Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.

**C-410-020 MODELED BEYOND THE NEEDLE TEXTILE ARTS GARMENT(S)(SF117)**

Garment is constructed using new unconventional materials. (Tape, plastic, rubberbands etc)

**C-410-030 MODELED CONSTRUCTED STEAM CLOTHING 2 GARMENT(S)(SF117)**

Possible types of garments include: Dress or formal; Skirted Outfit - skirt with shirt, vest, or lined/unlined jacket - must have sewn two pieces; Jumper and Shirt- must have sewn both pieces; Pants or Shorts Outfit (pants or shorts with shirt, vest, or lined/unlined jacket);Romper or Jumpsuit; Specialty Wear (swim wear, costumes, western wear-chaps, chinks, or riding attire); OR Non-Tailored Jacket - Additional pieces with jacket, or coat may be either constructed or purchased. Tailored Blazer, Suit Jacket or Coat. Additional pieces with blazer, jacket, or coat may be either constructed or purchased. A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants, or shorts. Nightwear or loungewear can be modeled at the county level but not at the State Fair.

**C-410-040 MODELED CONSTRUCTED STEAM 3 GARMENT(S) (SF117)**

Possible types of garments include Dress; Romper or Jumpsuit; or Skirted Outfit (skirt with top, vest, or lined/unlined jacket- must have sewn two pieces; jumper and shirt – must have sewn both pieces; pants outfit or shorts outfit (pants or shorts with top, vest, or lined/unlined jacket - must have sewn two pieces). A purchased top can be worn to complete a skirt, pants, or shorts outfit with a vest or unlined jacket. 4-Hers who have enrolled in or who have completed STEAM 3 projects are not eligible to enter STEAM 2.

Nightshirts, flannel lounging pants, or any other type of loungewear can be modeled at the county level but not at the State Fair.

**C-410-050 MODELED KNITTED or CROCHETED CLOTHING (LEVEL 2 or 3)(SF117)**

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

**C-410-060 MODELED SHOPPING IN STYLE PURCHASED OUTFIT & WRITTEN REPORT (SF184)**

Participants must be enrolled in Shopping in Style 4-H Project to enter. The curriculum is developed for youth ages 10 and older to help them strengthen their consumer skills when purchasing clothing. Participants must model a complete outfit. All pieces of the garment must be purchased.

## **TABLE SETTING CONTEST**

Superintendent: Monica Stohlmann

*Sunday, July 30<sup>st</sup>, 2023 at 2:00 p.m., Expo Building, Cass County fairgrounds*

*Register in 4HOnline using the Events tab*

### **DIVISION 700 - TABLE SETTING**

Pre-register in 4HOnline by July 27<sup>th</sup>. The 4-Her will decide on a theme, bring a small table (ex. card table, square or round), on which to set at least one place setting, a centerpiece and/or other table decorations, handmade food item(s), a recipe card, and a menu card. The meal can be for any event, birthday, picnic, dinner, etc. The 4-Her will explain and answer questions about his or her setting or menu. The 4-Her will be judged on the originality and appropriateness of the table setting and decorations, menu selections, and interview. All 4-H members may participate. Dressing to theme (encouraged) or official 4-H t-shirts are the only acceptable attire. Please avoid using valuable or irreplaceable items.

Premium 3

**M-700-940 CLOVER KID TABLE SETTING CONTEST (Ages 5-7)**

**M-700-971 JUNIOR TABLE SETTING CONTEST (Ages 8-10)**

**M-700-972 INTERMEDIATE TABLE SETTING (Ages 11-13)**

**M-700-973 SENIOR TABLE SETTING CONTEST (Ages 14-18)**

## **ROCKET LAUNCH CONTEST**

Superintendent: Corey Vavra

TBD

Register in 4HOnline using the Events tab

### **DIVISION 157 – ROCKET LAUNCH**

#### **Contest Guidelines:**

- This contest is open to all Cass County 4-H members.
- 8-18-year-old participants will need to conduct a launch using rockets specified in the Cass County fair book guidelines.
- Clover Kids (ages 5-7) will have the option of building a paper tube rocket or rocket specified in the fair book guidelines for the contest.
- Number of entries is limited to one per participant.
- The 4-H office will provide a launch pad and the launch controller.

\*Please note:

- 4-H members are allowed to enter a rocket to be judged in any class at the county fair without launching that rocket in the launch contest.
- Nebraska Extension in Cass County is not responsible for any lost or broken items.
- Any additional items needed for the launch will be the responsibility of the 4-H member to bring to the contest.
- Premium 3

#### **\*157-900 – ROCKET LAUNCH**

## **LIVESTOCK JUDGING CONTEST**

Superintendent Dan Roeber

Saturday, *August 12*, 9:00 a.m., 8:30 a.m. Registration, Cass County Fairgrounds Livestock Barn Show Ring

1. The contest will be split into Senior, Intermediate, and Junior Divisions based on 4-H age of the participant (age as of Jan 1 of current year).
  - Senior: age 14 years and older
  - Intermediate: age 12 and 13
  - Junior: age 11 years and under.
  - Clover Kids may participate.
2. The contest consists of 2 beef classes, 2 sheep classes, and 2 swine classes. Oral reasons will be given (one class for each species)
3. The Cass-Otoe Cattlemen and the Cass County 4-H Council each donate money to be used as cash awards to the top three judges in each age division. Trophies are awarded for Champion Overall Judge, Champion Senior Judge, Champion Intermediate Judge, Champion Junior Judge, Champion Oral Reasons Judge, Champion Beef Judge, Champion Sheep Judge, and Champion Swine Judge. Trophies and cash awards will be awarded at the beginning of the Livestock Auction at 2:00 p.m.

## **HORSE JUDGING CONTEST**

Superintendents Tim and Tina Beck

*Saturday July 8*, 8:30 am Registration, Cass County Fairgrounds Arena

1. The contest will be split into Senior and Junior Divisions based on 4-H age of the participant.
  - Senior: age 12 years and older
  - Junior: age 11 years and under
2. Premium 3
3. Trophies are awarded for Champion Senior Horse Judge and Champion Junior Horse Judge.

Top judges (14-18 years old - 4-H age) will be eligible to participate in the State Horse Judging Contest

## **POULTRY JUDGING CONTEST**

Superintendent Kim Scholting

Asst. Superintendent Mirissa Scholting

TDB

1. The contest will be split into Senior and Junior Divisions based on 4-H age of the participant.
  - Senior: age 12 years and older
  - Junior: age 11 years and under
2. Areas being judged are:
  - Egg Production and Reasons
  - Market Eggs-Exterior Egg Quality
3. Premium 3

# 4-H SHOOTING SPORTS CONTEST

**July 22 AM - Shotgun @ Ashland Gun Club**

**July TDB - Air pistol & BB Gun @ Weeping Water Gun Club**

**July 27 PM - .22 & Air Rifle @ Weeping Water Gun Club**

**July 29 time TBD - Archery @ Cass County Fairgrounds**

Register in 4HOnline using the events tab by July 17.

Youth wishing to participate in Cass County Shooting sports contest must be enrolled in 4-H for the current year and enrolled in the shooting sports project. Youth must also be under direct supervision of a certified 4-H Shooting Sports Instructor to enroll in shooting sports and participate in the county contest. Participants signed up for the county contest must be signed off by a certified 4-H shooting sports instructor with a minimum of 10 hours total instruction. 4-H Instructor sign-off forms will be turned into the County Extension Office by **July 1<sup>st</sup>**.

**EQUIPMENT:** Participants will provide their own gun/bow, safety glasses, earplugs, and other equipment. Guns/bows used for competition should be carried in a box or case. In the case of the contest at Platte River State Park portion of the contest, guns and bows from the park may be checked out to use. If so, please speak to the superintendent(s) of that project area to familiarize yourself with your equipment before contest begins. Spring loaded only no CO2, Compressed gas, or pcp.

**CONTEST ENTRY:** All shooting sports participants must enter online in 4HOnline using the "events" tab.

**Entry must be completed for each event prior to July 17, 2023**

**CONTEST FEES:** Each contestant must pay fees before contest begins. Fees are per contestant per contest. Air rifle, Air Pistol, Archery, BB Gun, and Small Bore .22 Rifle: \$5.00 each. **Shotgun \$24.00 for Intermediate and Senior, \$12.00 for Juniors**

**ATTIRE FOR CONTESTS:** 4-H Attire must be worn. Green or white 4-H shirt required (visit the Extension office to purchase).

Please wear proper closed toe foot wear and be prepared for the weather as we will shoot rain or shine.

**PARENTAL ATTENDANCE:** Parents or an appropriate adult supervisor are required to attend the contest with youth and assist as directed by the superintendents. **NO COACHING AT THE LINE ALLOWED. Except to assist youth with loading.**

**SAFETY:** Hunter Safety course is recommended, but not required. Participants exhibiting any unsafe practices maybe disqualified from the contest at the discretion of the superintendents. At the discretion of the shooting sports superintendents and Extension staff, there may be changes made to a discipline on the day of the contest.

On the day of the event, each youth will be required to take a written test for each discipline entered. Each youth must bring their own equipment – firearm, eyewear, and ear protection. If youth bring their own bow, they must bring their own arrows. Shooting sports static exhibits may be made and entered at the county fair. See shooting sports under General Areas in the fair book.

NRA rulebooks are available at <http://rulebooks.nra.org> To find information on state 4-H shooting sports go to <https://4h.unl.edu/shootingsports>

## DIVISION 347 - BB GUN

Superintendents: Christin Frahm-Krick, James Kavanaugh

Premium 3

- Participants must provide their own gun, BB's and Safety glasses.
- Parents/guardians are encouraged to assist youth with loading and cocking rifles on the firing line if needed.
- Each participant must have an appropriate supervisor at the firing line.
- Participants will shoot from prone, sitting, and standing positions at 5 meters (16 feet), 10 shots in each.

**M-347-971 JUNIOR - BB GUN (Ages 8-10)**

**M-347-972 INTERMEDIATE - BB GUN (Ages 11-13)**

**M-347-973 SENIOR - BB GUN (Ages 14-18) (Senior BB Gun will NOT be included in top shot score)**

## DIVISION 348 - AIR RIFLE

Superintendents: James Kavanaugh

Premium 3

- Participants must provide their own gun, pellets, ear plugs and safety glasses. Air rifles available for use if arranged prior to contest.
- Parents/guardians are encouraged to assist youth with loading and cocking rifles on the firing line.
- No bb's allowed – pellets only.
- Participants will shoot from prone, sitting, and standing positions at 10 meters (33 feet), 10 shots in each.
- **Spring loaded ONLY. NO CO2, Compressed gas, or pcp.**

### OPEN

**M-348-974 JUNIOR – AIR RIFLE (Ages 8-10)**

**M-348-975 INTERMEDIATE – AIR RIFLE (Ages 11-13)**

**M-348-976 SENIOR - AIR RIFLE (Ages 14-18)**

### WITH SIGHTS

**M-348-977 JUNIOR – AIR RIFLE (Ages 8-10)**

**M-348-978 INTERMEDIATE – AIR RIFLE (Ages 11-13)**

**M-348-979 SENIOR - AIR RIFLE (Ages 14-18)**

Air Rifle divisions requires a minimum entry of 5 for divisions or they will be combined at the discretion of the superintendent.



## **DIVISION 349 – SMALL BORE RIFLE .22**

Superintendents: Matt Dalton

Premium 3

- Participants must provide their own gun, ammunition, earplugs, and safety glasses. Ammo will be checked.
- Use of equipment or ammo other than .22 will drop participants a ribbon placing. No .17s or .22 mags. Only clips holding less than 10 rounds accepted.
- Participants must be 10 or older to participate or have consistently demonstrated to leaders they are physically capable of properly and safely handling the firearm and are signed off by their rifle instructor. Must comply with safety rules.
- Youth will shoot a total of 30 rounds:
- Only Juniors may use shooting aid.

### **M-349-980 JUNIOR – SMALL BORE RIFLE (Ages 10-11)**

- 10 rounds at 25 yards, standing.
- 20 rounds at 50 yards, off the bench.
- 20 rounds at 50 yards, prone.

### **MI-349-981 INTERMEDIATE - SMALL BORE RIFLE (Ages 12-13)**

- 20 rounds at 50 yards, standing.
- 10 rounds at 100 yards, off the bench.
- 20 rounds at 50 yards, prone.

### **MII-349-982 SENIOR – SMALL BORE RIFLE (Ages 14-18)**

- 20 rounds at 50 yards, standing.
- 10 rounds at 100 yards, off the bench.
- 20 rounds at 50 yards, prone.

## **DIVISION 350 - SHOTGUN**

Superintendent: James Kavanaugh

Premium 3

- Participants must provide their own gun, ammunition, earplugs, and safety glasses.
- Participants must be 12 or older to participate or have completed 2 years of BB gun or Air rifle and/or have consistently demonstrated to leaders they are physically capable of properly and safely handle the firearm and are willing to comply with safety rules.
- **Intermediate & Senior** will shoot 25 targets at 16 yards, then 25 targets at handicap yardage based on the 16 -yard score.
- **Juniors** will shoot 50 targets at 16 yards.

### **M-350-986 JUNIOR – SHOTGUN (Ages 12-13, or youth 10-11 if cleared by superintendents & leaders)**

- shoot 50 targets at 16 yards.

### **MI-350-987 INTERMEDIATE – SHOTGUN (Ages 14-15)**

- shoot 50 targets at 16 yards.
- shoot 50 targets at handicap

### **MII-350-988 SENIOR – SHOTGUN (Ages 16-18)**

- shoot 50 targets at 16 yards.
- shoot 50 targets at handicap

## **DIVISION 397 - ARCHERY**

Superintendents: James Kavanaugh and Tim Beck

Premium 3

- Participants may provide their own bow, arrows, and release aids.
- Freestyle Limited: Arrows must be drawn and released by hand. No limits on sights or stabilizers. Release Aids limited to gloves, tabs, and fingers.
- Freestyle: Same as Limited but also allows use of mechanical release.
- **Participants must pick Freestyle or Limited. Cannot compete in both**

- Each division will include a quiz
- No crossbows
- The Cass County shoot will follow a competition format this year. Juniors will be shooting for a total of 300 points, and intermediate and seniors will shoot for a total of 600 points with X's as tie breakers. 10 rounds of 3 arrows each.

**M-397-990 JUNIOR FREESTYLE (AGES 8- 10)**

10 rounds of 3 arrows at 10 yards

**M-397-991 JUNIOR FREESTYLE LIMITED (Ages 8-10)**

10 rounds of 3 arrows at 10 yards

**M-397-992 INTERMEDIATE FREESTYLE (Ages 11-13)**

10 rounds of 3 arrows at 20 yards

10 rounds of 3 arrows at 10 yards

**M-397-993 INTERMEDIATE FREESTYLE LIMITED (Ages 11-13)**

10 rounds of 3 arrows at 20 yards

10 rounds of 3 arrows at 10 yards

**M-397-994 SENIOR FREESTYLE (Ages 14- 18)**

10 rounds of 3 arrows at 30 yards

10 rounds of 3 arrows at 20 yards

**M-397-995 SENIOR FREESTYLE LIMITED (Ages 14-18)**

10 rounds of 3 arrows at 30 yards

10 rounds of 3 arrows at 20 yards

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**DIVISON 398 – AIR PISTOL**

Superintendents: Justin Backhaus

Premium 3

- County air pistols will be available to use
- 10 shots at 4 targets (40 shots total) at 16 feet

**M-398-996 JUNIOR (8-10) – 2 rounds of 10 shots (20 shots total) with a support**

**M-398-997 INTERMEDIATE (11-13)**

**M-398-998 SENIOR (14-18)**

**DIVISON 399 – TOP SHOT COMPETITION**

No Premium

Participants who compete in multiple shooting sports divisions – BB Gun, Air Rifle, Small Bore Rifle .22, Shotgun, and Archery are eligible for the Top Shot Trophy in their age division.

- Juniors must compete in BB Gun, Air Rifle, SmallBore .22, and Archery (no shotgun scores are counted).
- Intermediates must participate in all five competitions.
- Seniors must participate in Air Pistol, Archery, Shotgun, Small Bore .22 and Air Rifle. BB gun will not count toward total score.
- The participant with the highest overall total score in their respective age group will be named champion.
- Air Pistol not included.

**M-399-900 NOVICE TOP SHOT COMPETITION ( Ages 8&9) (scores for BB gun/air rifle/ archery events only)**

**M-399-901 JUNIOR TOP SHOT COMPETITION (Ages 10&11)**

**M-399-902 INTERMEDIATE TOP SHOT COMPETITION (Ages 12&13)**

**M-399-903 SENIOR TOP SHOT COMPETITION (Ages14-18)**

# Community Service

## DEPARTMENT L COMMUNITY SERVICE Superintendent Renee' Thakur

Community service items will be donated to SENCA, Weeping Water Food Bank, Tabitha's Thread, local elder care facility, other county service agency, 4-Hers recipient of choice, or 4-Hers can deliver to the person /organization of their choice at the end of the fair.

**L-920-971 FILLED BASKET OR SCHOOL BAGS**

Fill a basket or backpack with school supplies.

**L-920-972 DRESS A BEAR**

Dress any size or style bear with hand sewn or store-bought clothing or costume. \*Items are given to children in waiting or crisis/intervention situations.

**L-920-973 QUILT, AFGHAN OR BABY BLANKET**

Make any type of quilt, afghan or baby blanket.

**L-920-974 QUILTS OF VALOR QUILT**

For the war wounded, size range: 50" x 60" to 72" x 90". Will receive recognition at State Fair.

**L-920-975 QUILT OF VALOR QUILT BLOCK**

**L-920-976 ANY SOLDIER SUPPORT**

Compile item(s) and letter(s) that will be mailed to the recipients after the fair by individual 4-Her or club. (More info at <http://www.anysoldier.com>) Use any container for fair display.

**L-920-977 CREATE A PILLOWCASE**

Use one of the fun print fabrics available or try embroidery, applique, fabric stamping, stenciling, etc. Simple pillowcase pattern are available at the Extension Office.

**L-920-978 TOTE BAG**

Any type, any age. Leave empty, partially fill, or fill the bag with toothbrush, toothpaste, books, etc. \*Items donated to children in waiting, or crisis/intervention situations.

**L-920-979 SIMPLE FLEECE JACKET, FLEECE HAT and/or SCARF**

**L-920-980 ACTIVITY BAGS FOR KIDS**

Use any tote bag pattern. Fill with coloring books, crayons, quiet activities, books, etc.

**L-920-981 BIRDHOUSES, LAP QUILTS, WALKER BAGS FOR NURSING HOMES**

**L-920-982 SEWING FOR BABIES**

Baby gowns, receiving blankets, cross-front shirts, quilts.

**L-920-983 FOOD JARS AND OR BIRTHDAY CAKE BOXES**

Prepare and package a food gift creatively that you would take to a person of your choice.

Food item must be made by 4-Hers. Food item must be non-perishable (ex. sand art food jars, homemade baking mixes, jams, jellies, soup ingredients, canned and preserved items, meal-in-a-jar mixes, birthday cake boxes:

Place a cake mix, 1 can of soda, container of frosting and birthday candles in a foil pan.)

**L-920-984 SEW KENNEL MATS**

Size range: 25" x 30" - 35" x 40" for use at animal shelters

# Clover Kids Division

Superintendent Brooklyn Ahrens

Clover Kid Contests are listed with regular 4-H age contests

## OBJECTIVES:

1. Promote the 4-H program by giving younger children exposure at an earlier age to a limited program.
2. Assist in the overall development of the child.
3. Provide activity- based learning with a fun approach to learning.

## REQUIREMENTS:

1. Clover Kids is noncompetitive! Emphasis is on the experience rather than on the competition.
2. Focus will be on personal growth and development.
3. A Clover Kid is 5 to 7 years old (by January 1<sup>st</sup> of the current year).
4. Clover Kids may exhibit at the fair using the Fair Exhibit Selection List (see below) as a guideline.
6. Clover Kids' exhibits will be entered during regular 4-H entry times, except for animals. All Clover Kid Livestock must be in the barn by 8:00 a.m. the day of the show. They will be dismissed immediately after they show. If sharing an animal with a family member, the animal must remain on the grounds for the duration of the allotted stay for all livestock.
7. Clover Kid members entering projects may be interviewed. Small animals, poultry and rabbit projects will be interviewed at the beginning of the regular 4-H shows. A short bucket calf, sheep, goat, and swine interview may be conducted by the judge while the Clover Kids are in the show ring. **Bucket calves will show at approximately 5:30 p.m. Wednesday.**
8. Clover Kids will not be eligible to compete in regular classes: best of show or champion. Clover Kid exhibits will receive a Clover Kid ribbon. **Exhibits will not receive premium money.**
9. Bucket Calves, all Goats, Swine & Sheep need to be tagged and registered at the Cass County Extension Office by **June 15** and pre-entered online by **July 31**.
10. **Each Clover Kid exhibitor may have a parent or 4-H member 16 years or older in the show ring while exhibiting their animal.**

## DIVISION 30 - CLOVER KID BUCKET CALF

### V-030-CK901 - CLOVER KID BUCKET CALF

- Clover kid bucket calves must be identified on a feeder calf / bucket calf identification form which must be turned in by **June 15**. ID sheets are available at the Extension Office.
- Each Clover Kid may show only one bucket calf. Bucket calves should be on the Fairgrounds by 4:00 p.m. Wednesday. They will be released after they show. A bucket calf should be selected within two weeks of birth, must not be more than 6 months of age and no more than 350 pounds at time of show. It can be an orphan or newborn calf; male or female; dairy, beef or cross; hand fed on bucket or bottle. **No bulls will be allowed.** Select a calf born between January 1 and June 15 of the current year.
- Exhibition will consist of judge's discussions with youth based on their knowledge of the care and raising of the animal.

## DIVISION 90 - CLOVER KID GOAT(DAIRY, MEAT OR OTHER)

### O-090-CK903 CLOVER KID GOAT

## DIVISION 35 - CLOVER KID SWINE

### S-035-CK904 Clover Kid Swine

## DIVISION 30 - CLOVER KID SHEEP

### T-030-CK905 Clover Kid Sheep

## DIVISION 65 - CLOVER KID DOG

### U-065-CK900 Clover Kid Dog

## DIVISION 67 - CLOVER KIDS CAT & SMALL PET

### U-067-CK906 Clover Kid Cat

### U-067-CK907 Clover Kid Small Pet

## DIVISION 70 - CLOVER KID POULTRY

### U-070-CK914 - Clover Kid Poultry

## DIVISION 80 - CLOVER KID RABBITS

### G-080-CK915 Clover Kid Rabbit

## DIVISION 205 - CLOVER KIDS STATIC/FOODS

### K-010-CK900 – All Clover Kid Static and Food Items

## DIVISION 920 - CLOVER KID COMMUNITY SERVICE

### K-0920-CK092 – Clover Kid Community Service

Check contests for Clover Kid contest information

**DEPARTMENT V BEEF**  
Superintendent Dennis Heim  
Assistant Superintendents Lynn Roeber and Joe Bockman

**All 4-H beef exhibitors must be Youth for the Quality Care of Animals (YQCA) certified. NO BULL CALVES**

**Wednesday August 9 @ 5:30pm**

**Clover Kid Bucket Calves  
Bucket Calves**

**Friday August 11 @ 9:00am**

**Feeder Calf  
Cow/ Calf  
Breeding Beef  
Market Beef All  
Showmanship**

**DIVISION 40 - BUCKET CALF**

Superintendent - Courtney Bockman

Premium 2

V-040-990 BUCKET CALF - REGULAR 4-H MEMBERS (Juniors, Ages 8-11)

V-040-991 BUCKET CALF - REGULAR 4-H MEMBERS ( Intermediate Ages 12-14)

- Purpose: To teach proper health care and nutrition of young cattle, basic management skills without a large investment and to teach basic record-keeping skills. The goal of the class will be to evaluate what the 4-H member has learned and not the quality of the calf.
- This class is limited to 4-H members who are age 8-14 on January 1.
- The calf must be identified as a bucket calf or a feeder calf / bucket calf identification form which must be turned in by **June 15**.
- Each 4-H member may show only one bucket calf. A bucket calf should be selected within two weeks of birth. It can be an orphan or newborn calf; male or female; dairy, beef or cross; hand fed on bucket or bottle. **No bull calves**. Select a calf born between January 1 and June 15 of the current year.
- Bucket Calf record books must be turned in at the 4-H office by 8:00 a.m. on the day of the show so they may be evaluated before show time. Bucket Calves need to be at the Fairgrounds by **5:00 pm Wednesday August 9th**. The judge will interview the 4-H member about the calf in the show ring. The quality of the calf will not be considered by the judge. Each of the following four areas will be used as criteria for judging and will be worth 25 points each: 1) The complete record; 2) Evaluation of knowledge by interview; 3) Health and condition of calf; 4) Evidence of training.
- Animals will not be lined up. Overall ribbons based on total score of the four parts will be announced. No trophies will be awarded. Bucket calf exhibitors will not be allowed to participate in a showmanship contest with their bucket calf.
- Feeder calves can stall through the week with request on stalling form.

**DIVISION 21 - FEEDER CALF**

Premium 1

The product of the exhibitor's 4-H Beef Breeding project calved between January 1 and June 15, of the current year. Feeder Calf classes will be divided by weight. **NO BULL CALVES**. Calves must be identified with an ear tag and recorded with the Extension Office by **June 15**. Feeder Calves must be on the fairgrounds by 6:30 am on Friday, **August 11th. Feeder Calf check in will end at 7am Friday August 11th.** Feeder Calves have the option to stay after the show if designated on their stall form. It is not required they stay. **British Breed classes must have three calves or they will be shown in the crossbred classes.**

V-20-980 BRITISH BREED STEERS (Hereford, Angus and Shorthorn)

V-20-981 EXOTIC AND CROSSBRED STEERS

V-20-982 BRITISH BREED HEIFERS

V-20-983 EXOTIC AND CROSSBRED HEIFERS

## DIVISION 66 - COW-CALF

### Premium 1

Cows exhibited with calf at side. Bulls may be shown as the calf portion of the cow/calf pair entry. **Bull calves may not be shown in any other class, and must be removed from the fairgrounds immediately after the show.** Cows and calves must be identified on 4-H livestock ID sheets by **June 15**.

V-66-995 COW- CALF CLASS

## DIVISION 52 - BREEDING HEIFERS

### Premium 1

Original registration papers must accompany the purebred animal at check-in. Copies of the registration papers must be turned in with the 4-H animal I.D. sheet which is due to the Extension Office by **June 15**. Any breed being represented by three or more head will be shown as a separate breed.

Registered heifer divisions that do not have at least 3 of the same breed will be shown in the all other breeds division.

- Angus Heifers – Must be registered in the American Angus Association.
- Charolais Heifers – Must have an American- International Charolais Association (AICA) registration certificate and must be 100% purebred Charolais. All Charolais Percentage Heifers will be included in the AOB Class. These heifers must have an AICA Charolais-Cross Record and must be at least ½ blood or more Charolais influence, i.e. be sired by a registered purebred Charolais bull or be out of a registered purebred Charolais female.
- Chianina Heifers – Must be registered in the American Chianina Association. Includes Chiangus, Chianina, Chiford, or Chimaine.
- Gelbvieh Heifers – Must be registered in the American Gelbvieh Association.
- Hereford and Polled Hereford Heifers – Must be registered with the American Hereford Association.
- Limousin Heifers – Must be registered with the North American Limousin Foundation.
- Maine Anjou Heifers – Must be registered with the American Maine-Anjou Association and must be ¾ blood and above. Chimaine are not accepted.
- Red Angus Heifers – Must be registered with the Red Angus Association of America.
- Shorthorn Heifers – Must be registered with the American Shorthorn Association and must be 15/16 registered purebreds.
- Simmental Heifers – Must be registered with the American Simmental Association and must be ½ blood or higher (can be non-Simmental sired).
- **Senior yearling heifers should be bred but not calved prior to show.**

Only registered purebred heifers will be shown by breeds. All registered percentage heifers will be shown in the All Other Breeds division. All non-registered heifers will be shown as commercial. **All breeding heifers must be tattooed. Breeding heifers with fresh tattoos will not be allowed to compete for champion.** Breeding heifers carrying a 4-H or FFA market ear tag that were not designated a breeding heifer via ID sheet will not be allowed to show. Calves that were designated as Feeder Calf Heifers on the Feeder Calf ID Sheet cannot compete as Breeding Heifers. Breeding heifers with horns over 2 inches long will not be allowed to show.

Breeding heifers should be on the fairgrounds by 8:00 am and checked-in by 10:00 a.m. on Thursday, **August 10**.

### Breeding Heifers Division & Class Definitions & Numbers

DIVISION	CLASS	YEARLING HEIFERS	YEARLING HEIFERS	YEARLING HEIFERS	YEARLING HEIFERS	HEIFER CALVES	HEIFER CALVES	SPRING HEIFER CALVES	SENIOR YEARLING HEIFER
DIVISION 52	ANGUS	V-052-010	V-052-020	V-052-030	V-052-040	V-052-050	V-052-060	V-052-070	V-052-080
DIVISION 53	CHAROLAIS	V-053-010	V-053-020	V-053-030	V-053-040	V-053-050	V-053-060	V-053-070	V-053-080
DIVISION 54	CHIANIA	V-054-010	V-054-020	V-054-030	V-054-040	V-054-050	V-054-060	V-054-070	V-054-080
DIVISION 55	COMMERCIAL	V-055-010	V-055-020	V-055-030	V-055-040	V-055-050	V-055-060	V-055-070	V-055-080
DIVISION 56	GELBVIEH	V-056-010	V-056-020	V-056-030	V-056-040	V-056-050	V-056-060	V-056-070	V-056-080
DIVISION 57	HEREFORD	V-057-010	V-057-020	V-057-030	V-057-040	V-057-050	V-057-060	V-057-070	V-057-080
DIVISION 58	LIMOUSIN	V-058-010	V-058-020	V-058-030	V-058-040	V-058-050	V-058-060	V-058-070	V-058-080
DIVISION 59	MAINE ANJOU	V-059-010	V-059-020	V-059-030	V-059-040	V-059-050	V-059-060	V-059-070	V-059-080
DIVISION 60	SHORTHORN	V-060-010	V-060-020	V-060-030	V-060-040	V-060-050	V-060-060	V-060-070	V-060-080
DIVISION 61	SIMMENTAL	V-061-010	V-061-020	V-061-030	V-061-040	V-061-050	V-061-060	V-061-070	V-061-080
DIVISION 62	OTHER	V-062-010	V-062-020	V-062-030	V-062-040	V-062-050	V-062-060	V-062-070	V-062-080

## **DIVISION 71 - MARKET BEEF**

### **Premium 1**

Market classes will be divided into divisions and classes by weight. Market Beef should be on the fairgrounds by 10:00 a.m. Wednesday, August 9. Market Beef with horns over 2 inches long will not be allowed to show.

V-71-986 MARKET HEIFERS

V-71-987 MARKET STEERS

## **DIVISION 70 BEEF SHOWMANSHIP**

### **Premium 1**

Beef animals used in showmanship classes must be property of exhibitor. 4-H members may choose their market, breeding, or feeder calf to use in showmanship. **Feeder calf, breeding beef and market beef showmanship.**

V-70-970 SENIOR, 15 years and older

V-70-971 INTERMEDIATE, ages 12-14

V-70-972 JUNIOR, ages 8-11

## **DIVISION 72 - CLUB GROUP**

### **Premium 1**

Each club may enter one group of three market and/or breeding beef animals owned by 3 different members. The club will be the unit of award.

V-72-988 CLUB GROUP OF THREE - BEEF

## **DEPARTMENT Q DAIRY**

Superintendent Dan Staben

Assistant Superintendent Gary Sickmann

One animal per exhibitor must be left at the fair. Show Order: Ayrshire, Brown Swiss, Guernsey, Holstein, Jersey, Milking Shorthorn. Animals born after April 30, **2022**, are not eligible to show in individual classes or in Dairy Herds. Registered and Grades will show together. Dairy animals used in showmanship classes must be the 4-H project animal of the exhibitor as identified in the Extension office. All divisions paid Premium 1.

## **DIVISION 40 - DAIRY SHOWMANSHIP**

### **Premium 1**

Dairy animals used in showmanship classes must be the property of exhibitor.

Q-40-971 SENIOR, 15 years and older

Q-40-972 INTERMEDIATE, ages 12-14

Q-40-973 JUNIOR, ages 8-11

## **DIVISION 47 - CLUB GROUP**

### **Premium 1**

Each club is eligible to enter one club group of three dairy animals owned by three different members. The class will be judged on uniformity.

Q-47-975 CLUB GROUP OF THREE – DAIRY

### **NOTE:**

- Animals born after April 30, 2023 are not eligible to show in the individual classes or in dairy herds.
- Yearlings that have calved, freshening prior to show, must be shown as Two Year Old class.
- When there are enough Two Year Olds, the class could be split into: Junior Two Year Olds - Must have freshened (3/1/21 to 8/31/22) AND Senior Two Year Olds – Must have freshened (9/1/20 to 2/29/21)
- When there are enough Three Year Olds, the class could be split into: Junior Three Year Olds - Must have freshened (3/1/20 to 8/31/20) AND Senior Three Year Olds – Must have freshened (9/1/19 to 2/28/20)

Animals born after 8-31-**20** that have calved must be shown as two-year-olds. Dairy Junior Herd Scoresheet must be filled in and turned in to the Dairy Superintendent by Wednesday noon. Failure to do so will disqualify the herd. Scoresheets may be obtained at the County Extension office. Breed champions must have 4 in a breed.

<b>Dairy Cattle Division &amp; Class Definitions &amp; Numbers</b>						
	<b>DIVISION 41</b>	<b>DIVISION 42</b>	<b>DIVISION 43</b>	<b>DIVISION 44</b>	<b>DIVISION 45</b>	<b>DIVISION 46</b>
	<b>Ayrshire</b>	<b>Swiss</b>	<b>Brown Guernsey</b>	<b>Holstein</b>	<b>Jersey</b>	<b>Milking Shorthorn</b>
<b>Spring Heifer Calves (03/1/23-04/30/23)</b>	G-041-010	G-042-010	G-043-010	G-044-010	G-045-010	G-046-010
<b>Winter Heifer Calves (12/01/22-02/28/23)</b>	G-041-020	G-042-020	G-043-020	G-044-020	G-045-020	G-046-020
<b>Fall Heifer Calves (09/01/22-11/30/22)</b>	G-041-030	G-042-030	G-043-030	G-044-030	G-045-030	G-046-030
<b>Summer Yearlings (06/01/22-08/31/22)</b>	G-041-040	G-042-040	G-043-040	G-044-040	G-045-040	G-046-040
<b>Spring Yearlings (03/01/22-05/31/22)</b>	G-041-050	G-042-050	G-043-050	G-044-050	G-045-050	G-046-050
<b>Winter Yearlings (12/01/21-02/28/22)</b>	G-041-060	G-042-060	G-043-060	G-044-060	G-045-060	G-046-060
<b>Fall Yearlings (09/01/21-11/30/21)</b>	G-041-070	G-042-070	G-043-070	G-044-070	G-045-070	G-046-070
<b>Dry Cow/Any Age</b>	G-041-080	G-042-080	G-043-080	G-044-080	G-045-080	G-046-080
<b>Two Year Olds (09/01/21-8/31/21)</b>	G-041-090	G-042-090	G-043-090	G-044-090	G-045-090	G-046-090
<b>Three Year Olds (09/1/19-8/31/20)</b>	G-041-100	G-042-100	G-043-100	G-044-100	G-045-100	G-046-100
<b>Four Year Olds (9/1/18-8/31/19)</b>	G-041-110	G-042-110	G-043-110	G-044-110	G-045-110	G-046-110
<b>Five Year Olds and Older (prior 9/1/18)</b>	G-041-120	G-042-120	G-043-120	G-044-120	G-045-120	G-046-120
<b>Junior Herd</b>	G-041-130	G-042-130	G-043-130	G-044-130	G-045-130	G-046-130

## **DEPARTMENT P DAIRY GOAT**

Superintendent Kim Cawley  
Assistant Superintendent Geoffrey Edwards

No horns allowed. Goats must be the property of exhibitorsto be eligible. **Dairy goats need to be in their pens on the fairgrounds by 7:00 a.m. Wednesday, August 9. Only does may be shown in the dairy goat show. Dairy goats in milk will be released after the show.**

### **DIVISION 50 - DAIRY GOATSHOWMANSHIP**

Premium 2

Goat animals used in showmanship classes must be the property of exhibitor.

- P-050-971 SENIOR, 15 years and older
- P-050-972 INTERMEDIATE, ages 12-14
- P-050-973 JUNIOR, ages 8-11

### **DIVISION 55 - DAIRY GOATS**

Premium 2

All dairy goat breeds will show together by age.

- P-055-10 UNDER FIVE MONTHS
- P-055-20 FIVE MONTHS TO UNDER EIGHT MONTHS
- P-055-30 EIGHT MONTHS TO UNDER ONE YEAR
- P-055-40 1 YEAR TO 2 YEAR - NON-MILKING DOE
- P-055-50 UNDER 2 YEARS - MILKING DOE
- P-055-60 2 AND 3 YEARS - MILKING DOE
- P-055-70 4 YEARS AND OVER - MILKING DOE
- P-055-80 JUNIOR HERD (three animals bred by exhibitor, at least one in milk)
- P-055-90 DAM AND DAUGHTER (One pair per exhibitor)

### **DIVISION 47 - CLUB GROUP**

Premium 1



Each club is eligible to enter one club group of three dairy goats owned by three different members. The class will be judged on uniformity.

Q-047-975 CLUB GROUP OF THREE – DAIRY GOAT

## **DEPARTMENT O MEAT GOATS**

Superintendents Kim Cawley  
Assistant Superintendent Geoffrey Edwards

Meat goat exhibitors must follow all other county fair livestock project rules. Meat Goats must be identified by **June 15** of the current year. To be eligible to show in the Market Goat class, goats must weigh a minimum of 45 pounds. Goats weighing less than 45 pounds will show in a pre-market class, will not receive above a blue ribbon, and will not be eligible to show for Champion Market Goat or sell in the 4-H Livestock Auction. After weighing, goats will be divided into weight classes depending on the number of entries and at the superintendent's discretion.

Exhibitors may enter a maximum of five head total (can be a combination of market and breeding **with a limit of 3 market**). All market goats must be carrying all milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth. All goats must be de-horned or have horns blunted. Market goat's hair must be uniformly, slick shorn with 3/8<sup>th</sup> inch of hair or less from the knee up. Goats are to be shown with halter, smooth neck chains, or smooth collars only. During showmanship exhibitors are not allowed to slap nor may they lift the front legs off the ground while in the show ring. Only wether and female kids may be shown - no billies. All Meat Goats must be in the barn by 5:00 p.m. on Tuesday, August 9.

### **DIVISION 90 - MEAT GOAT SHOWMANSHIP**

Premium 2

Goat animals used in showmanship classes must be the property of exhibitor.

O-090-981 SENIOR, 15 years and older

O-090-982 INTERMEDIATE, 12 – 14

O-090-983 JUNIOR, ages 8-11

O-090-903 CLOVER KID

### **DIVISION 91 - MEAT GOAT**

O-091-984 MARKET GOAT

### **DIVISION 92 - BREEDING DOE GOAT**

O-092-985 DOE KIDS - Does born 07/31/22 - 06/15/23

O-092-986 YEARLING DOES - Does born 07/31/21 - 08/01/22

### **DIVISION 93 - INDIVIDUAL & CLUB GOAT PEN OF THREE**

O-093-987 INDIVIDUAL PEN OF THREE (Can be a combination of market & breeding)

O-093-988 CLUB PEN OF THREE ( Can be a combination of market & breeding)

**Goat Costume Contest will be on Saturday August 12 Time TDB  
No premiums paid for Goat Costume Contest**

## **DEPARTMENT WOTHER GOATS**

Superintendent Kim Cawley

This class of goats will consist of all other breeds of goats besides those breeds designated as Dairy or Meat Goats. Does and wethers may be shown, but bucks may not be shown. All goats will be shown against their respective breed but will come together for the placing of the champion and reserve overall Other Goat. Exhibitors may enter a maximum of 3 goats total (any combination of breeds). Dairy goats and all meat goats (market or breeding) are NOT eligible for this category. All divisions paid Premium . 2

**DIVISION 95 – PYGMY**

**W-095-010 PYGMY** (UNDER 1 YEAR) DOES OR WETHERS

**W-095-020 PYGMY** (OVER 1 YEAR) DOES

**W-095-030 PYGMY** (OVER 1 YEAR) WETHERS

**DIVISION 96 – ANGORA**

**W-096-010 ANGORA** (UNDER 1 YEAR) DOES OR WETHERS

**W-096-020 ANGORA** (OVER 1 YEAR) DOES

**W-096-030 ANGORA** (OVER 1 YEAR) WETHERS

**DIVISION 97 – FAINTING/MYOTONIC**

**W-097-010 FAINTING/MYOTONIC** (UNDER 1 YEAR) DOES OR WETHERS

**W-097-020 FAINTING/MYOTONIC** (OVER 1 YEAR) DOES

**W-097-030 FAINTING/MYOTONIC** (OVER 1 YEAR) WETHERS

**DIVISION 98 – OTHER**

**W-098-010 OTHER** (UNDER 1 YEAR) DOES OR WETHERS

**W-098-020 OTHER** (OVER 1 YEAR) DOES

**W-098-030 OTHER** (OVER 1 YEAR) WETHERS

**DIVISION 99 – OTHER GOAT SHOWMANSHIP**

Goat animals used in showmanship classes must be the property of exhibitor.

**W-099-010 JUNIOR** ages 8-11

**W-099-020 INTERMEDIATE** 12 – 14

**W-099-030 SENIOR** 15 years and older

**GOAT COSTUME CONTEST WILL BE ON SATURDAY OF FAIR TIME TBD  
(No premiums paid)**

**DEPARTMENT T SHEEP**

Superintendent Arland Schroder

Assistant Superintendent Judy Wehrbein and Geoffrey Edwards

Market sheep weigh in from 5:00pm - 5:30pm with breeding check-in directly following 5:30 – 6:00 p.m. on Tuesday, **August 8th**. Ewes dropped January 1, this year or after are classed as lambs. Ewes dropped during the last calendar year are classed as yearling ewes. All breeding ewes will be mouthed for age. 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. All breeding sheep must have ear tag or tattoo. **Cryptorchid or ram lambs are not eligible as market lambs.**

The use of showing and/or handling practices or devices such as striking animals to cause swelling, using electrical contrivance, or other similar practices are not acceptable and are prohibited. Sheep used in showmanship classes must be the property of exhibitor.

**DIVISION 30 - SHEEP SHOWMANSHIP**

Premium 2

Sheep used in showmanship classes must be the property of exhibitor. Ram Lambs cannot be used in showmanship classes.

**T-030-971 SENIOR** 15 years and older

**T-030-972 INTERMEDIATE** ages 12-14

**T-030-973 JUNIOR** ages 8-11

**T-030-905 CLOVER KID**

## **BREEDING SHEEP**

Any breed represented by five or more head will be shown as a separate breed. 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 affidavit (4-HF-105) and be in the animal's ear at check-in. 4-H ear tags are not official identification for registered breeding ewes. All divisions are paid Premium 2.

### **DIVISION 32 - BREEDING EWES LAMBS**

Premium 2

**T-032-970 SOUTHDOWN**

**T-032-971 CHEVIOT**

**T-032-972 HAMPSHIRE**

**T-032-973 SUFFOLK**

**T-032-974 OTHER BREEDS**

**T-032-975 CROSSBREED**

### **DIVISION 32 - BREEDING YEARLING EWES**

Premium 2

**T-032-976 SOUTHDOWN**

**T-032-977 CHEVIOT**

**T-032-978 HAMPSHIRE**

**T-032-979 SUFFOLK**

**T-032-980 OTHER BREEDS**

**T-032-981 CROSSBREED**

### **DIVISION 32 - AGED BREEDING EWES**

These ewes must have their 2 year old teeth or more to qualify for this Class

Premium 2

**T-032-982 SOUTHDOWN**

**T-032-983 CHEVIOT**

**T-032-984 HAMPSHIRE**

**T-032-985 SUFFOLK**

**T-032-986 OTHER BREEDS**

**T-032-987 CROSSBREED**

### **DIVISION 32 - RAM LAMB**

Premium 2

Rams may not be kept on Fairgrounds.

**T-032-988 SOUTHDOWN**

**T-032-989 CHEVIOT**

**T-032-990 HAMPSHIRE**

**T-032-991 SUFFOLK**

**T-032-992 OTHER BREEDS**

**T-032-993 CROSSBREED**

### **DIVISION 31 - MARKET SHEEP**

Premium 2

**T-031-994 MARKET LAMBS**

Market classes will be divided by weight with all breeds and crosses being shown together. Lambs weighing under 85 lbs. at the final weigh-in will be shown as feeder lambs.

**T-031-995 PEN OF THREE MARKET LAMBS** – all must be shown by one exhibitor.

### **DIVISION 33 - CLUB GROUP**

Premium 2

Each club is eligible to enter one club group of three sheep owned by three different members. The class will be judged on uniformity.

**T-033-996 CLUB GROUP OF THREE - SHEEP**

## DEPARTMENT S SWINE

Co-Superintendents Don Mills, Russell Roeber, & Doug Wehrbein

- **Swine must be at the fairgrounds Tuesday, August 8. Check-in is 10:00 a.m. - 9:00 p.m.**
- **Swine Weigh-in is Wednesday, August 9, 7:00 am – 9:00am**
- Market Swine classes will be grouped by weight within 3 divisions with all breeds showing together.
- **4-H exhibitor or a family member must be present when their hogs are weighed.**
- Divisions will be further divided into barrows and gilts.
- **Only hogs weighing 225 - 320 lbs.** will be eligible for champion and will be scanned for the carcass contest.
- Fresh ear notches will not be allowed. Animals must be marked for litter and individual with the litter mark in the right ear and the individual mark in the left ear. The universal ear notching system will be used (See EC 2-81-71).
- All swine will be tagged when they are weighed in on the fairgrounds.
- All swine designated for State Fair will need an EID tag, ear notches, and DNA pulled by June 15.
- Swine used in showmanship classes must be the proper ty of exhibitor.
- Hogs may not be fed in the wash racks.
- Swine must be shown without hairdressing compounds (water is the only substance permitted).
- All swine during this time must be fed and watered daily
- There will be no cleaning of stalls until after those hogs designated for shipment have been loaded.
- Swine that are registered and shown as an FFA project in another county, will NOT be eligible to be shown as a 4-H animal in Cass County.
- All 4-H swine exhibitors must be Youth for the Quality Care of Animals (YQCA) certified.
- Swine shown must be listed on the ID Sheet submitted to the Cass County Extension Office on June 15<sup>th</sup>, but can be switched after the July 15<sup>th</sup> deadline with notice to the Extension Office
- All divisions paid Premium 2

### DIVISION 35 - SWINE SHOWMANSHIP

Premium 2

Swine used in showmanship classes must be the property of exhibitor.

**S-035-971 SENIOR**, 15 years and older

**S-035-972 INTERMEDIATE**, ages 12-14

**S-035-973 JUNIOR**, ages 8-11

**S-035-904 CLOVER KID**

### DIVISION 40 - MARKET SWINE

Premium 2

A champion gilt and champion barrow will each be selected from the crossbred and purebred division winners.

**S-040-974 CROSSBRED MARKET GILTS**

**S-040-975 PUREBRED MARKET GILTS**

**S-040-976 CROSSBRED MARKET BARROWS**

**S-040-977 PUREBRED MARKET BARROWS**

**At the discretion of the superintendents, division may be split into CPS or NSR. All purebred swine must have registration papers. All swine without registration papers will be show as crossbred.**

**S-040-978 PEN OF THREE SWINE** - must be owned by one exhibitor.

### DIVISION 40 – BREEDING GILTS

Premium 2

Breeding gilts are required to be born on or after December 1, 2022 and no later than April 1, 2023. All breeding gilts must have an ear tag. Original registration papers must accompany the purebred animal at check-in. Copies of the registration papers must be turned in with the 4-H animal I.D. sheet which is due to the Extension Office by **June 15**. Any breed class without at least 3 breeding gilts exhibiting in their breed will show in the All Other Breed (AOB) Division. Any animal not meeting purebred requirements will be shown in the crossbred division. A supreme champion and a reserve champion breeding gilt will be selected at the conclusion of the breeding show. The champion and reserve from each breed will be eligible.

Purebred breeding gilts and crossbred breeding gilts will be shown by weight. A Champion and Reserve Champion Breeding Gilt will be named in each breed. Champion and Reserve Champion Breeding Gilt from each breed, the AOB class and Grand Champion and Reserve Champion Crossbred Breeding Gilt will go to a final drive for Grand Champion and Reserve Champion Overall Breeding Gilt.

- G-040-010 Berkshire
- G-040-020 Chester White
- G-040-030 Duroc
- G-040-040 Hampshire
- G-040-050 Hereford
- G-040-060 Poland China
- G-040-070 Spotted
- G-040-080 Yorkshire
- G-040-090 Crossbred
- G-040-100 All Other Breeds (AOB)

**DIVISION 41 - CLUB GROUP**

Premium 2

Each club is eligible to enter one pen of three Market Swine owned by three different club members. The class will be judged on uniformity.

**S-041-979 CLUB GROUP OF THREE - SWINE**

**CARCASS CONTEST**

Premium 2

All swine weighing between 225 – 320 lbs. will be scanned after weigh-in for the Carcass Contest. **No fee will be charged for carcass scanning in 2023.** The top scanned carcasses will receive a cash award. No entry tag or pre-entry is necessary.

**DEPARTMENT R HORSES**

Superintendent Tim and Tina Beck  
 Assistant Superintendents Chris & Julie Kopf

**Horse vet checks will be required prior to fair. Veterinarian will examine the horse's health based on physical appearance i.e. body condition, signs of respiratory disease, or infection. These checks will need to be set-up by the horse club leaders. Leaders contact the office for health check documents. If a 4-Her is unable to attend the club practice they are required to set-up a time with a veterinary office prior to county fair.**

## DIVISION 36 – HORSES

### Premium 2

Participant must have passed Horsemanship Level I by July 15th to enter any event. Participant must have passed Horsemanship Level 2 to enter Ranch Riding. English Classes require hunting cap or derby and English boots for dress code. Full English attire is optional. No re-entry in a class once one scratches out of any particular class. Club members must show their own project horse. Exhibitors may enter the Open Novice class or their age group class, but not both. Open Novice participants can be any 4-H age but must be in their first or second year of showing horses. Open Novice classes, classes 1, 2, and 3, and halter and ranch riding will not apply towards the High Point Award. Horse Riding Area: Horses and riders must stay northeast of the lower road, with the exception of going to the horse barn. High Point Award tie-breaking classes will be posted the day of the show at the barn and arena announcer's stand. **High Point Awards will be limited to one per exhibitor per show.**

- R-036-001 Aged Geldings at Halter (6 years and older)
- R-036-002 Aged Mares at Halter (6 years and older)
- R-036-003 Junior Mares and Geldings at Halter (5 and under)
- R-036-004 Pony's At Halter (all ages)
- R-036-005 Senior Showmanship, ages 15 and older
- R-036-006 Intermediate Showmanship, ages 12-14
- R-036-007 Junior Showmanship, ages 8-11
- R-036-008 Open Novice Showmanship
- R-036-009 Senior English Pleasure, ages 14 and older
- R-036-010 Junior English Pleasure, ages 13 and younger
- R-036-011 Open Novice English Pleasure (Walk, Trot)
- R-036-012 Senior English Equitation, ages 14 and older
- R-036-013 Junior English Equitation, ages 13 and younger
- R-036-014 Open Novice English Equitation (Walk, Trot)
- R-036-015 Senior Western Pleasure, horses, riders ages 15 and older
- R-036-016 Intermediate Western Pleasure, horses, riders ages 12 to 14
- R-036-017 Junior Western Pleasure, horses, riders ages 8 to 11
- R-036-018 Open Novice Western Pleasure (Walk, Trot)
- R-036-019 Senior Horsemanship, riders ages 15 and older
- R-036-020 Intermediate Horsemanship, riders ages 12-14
- R-036-021 Junior Horsemanship, riders ages 8-11
- R-036-022 Open Novice Western Horsemanship (Walk, Trot)
- R-036-023 Senior Ranch Riding Pleasure, ages 15 and older
- R-036-024 Intermediate Ranch Riding Pleasure ages 12-14
- R-036-025 Junior Ranch Riding Pleasure age 11 and younger
- R-036-026 Senior Poles, ages 15 and older
- R-036-027 Intermediate Poles, ages 12-14
- R-036-028 Junior Poles, ages 11 and younger
- R-036-029 Senior Kegs ages 15 and older
- R-036-030 Intermediate Kegs ages 12-14
- R-036-031 Junior Kegs ages 11 and younger
- R-036-032 Senior Barrels, ages 15 and older
- R-036-033 Intermediate Barrels, ages 12-14
- R-036-034 Junior Barrels, ages 11 and younger
- R-036-035 Senior Keyhole, ages 15 and older
- R-036-036 Intermediate Keyhole, ages 12-14
- R-036-037 Junior Keyhole, ages 11 and younger
- R-036-038 Senior Flag Race, ages 15 and older
- R-036-039 Intermediate Flag Race, ages 12- 14
- R-036-040 Junior Flag Race, ages 8- 11
- R-036-041 Senior Trail, ages 15 and older
- R-036-042 Intermediate Trail, ages 12-14
- R-036-043 Junior Trail, ages 11 and younger

**-Small Animal-**

**DEPARTMENT U POULTRY**

Superintendents Kim Scholting

Assistant Superintendents Harold Thomassen and Carol Thomassen

Animals must be pre-entered by July 15th. A 4-Her is limited to 3 poultry per class. All 4-H poultry exhibitors must be Youth for the Quality Care of Animals (YQCA) certified. 4-Hers should check with Superintendents for ribbons following the show. Enter poultry between 8:00 p.m. and 10:30 p.m. on Tuesday, August 9, poultry will be released 10:00 p.m. Saturday, August 13. There will be no Sunday, August 14 release of poultry. Poultry check-in will be at 8:45 a.m. on Thursday, August 11, with poultry showmanship beginning at 9:00 a.m. Entry tag must list breed of each bird. Each broiler entry will consist of three male birds six to eight weeks of age. To be eligible for exhibition, cockerel or pullet entry must be a fair representation of one of the breeds as listed in the American Standard of Perfection or Hybrid or crossbred for egg production. A pen of hybrids will consist of three pullets. No hybrid or crossbred cockerels will be shown. Poultry must be grown in club member's poultry club project. Health certificates not required for poultry. No additional testing requirements for Nebraska origin poultry. The same Health Rules apply as for open class. Exhibitors are required to bring feed and container, as these are not furnished by the management. 4-Hers exhibiting geese and turkeys are required to bring their own wood chips for bedding. They will not be provided by the management. Poultry used in showmanship must be the 4-H project of the exhibitor. All 4-H members must wear proper attire (see "Dress Code," 4-H Division, General Rules 4-H). Exhibitor must wear an exhibitor number.

**DIVISION 80 – POULTRY SHOWMANSHIP**

Premium 3

Poultry used in showmanship classes must be the property of exhibitor.

**U-080-971 SENIOR, 15 years and older**

**U-080-972 INTERMEDIATE, ages 12-14**

**U-080-973 JUNIOR, ages 8-11**

**DIVISION 72 - STANDARD SIZE CLASSES**

Premium 3

**U-072-974 COCKEREL (Under 1 year)**

**U-072-975 PULLET (Under 1 year)**

**U-072-976 COCK (Over 1 year)**

**U-072-977 HEN (Over 1 year)**

**U-072-978 PEN (broilers) (3 birds, 6-8 weeks old)**

**U-072-979 PEN (egg production) (3 like birds producing eggs)**

**U-072-980 CHICKS (under 3 months) Participation Ribbon Only**

**U-072-981 TRIO (1 rooster & 2 hens)**

**DIVISION 73 - BANTAM CLASSES**

Premium 3

**U-073-982 COCKEREL (Under 1 year)**

**U-073-983 PULLET (Under 1 year)**

**U-073-984 COCK (Over 1 year)**

**U-073-985 HEN (Over 1 year)**

**U-073-986 CHICKS (under 3 months) Participation Ribbon Only**

**DIVISION 74 - OTHER POULTRY CLASSES:**

Premium 3

4-Hers exhibiting geese and turkeys are required to bring their own wood chips for bedding. They will not be provided by the fair management

**U-074-974 YOUNG TOM TURKEY (1 year or younger)**

**U-074-975 TOM TURKEY (over 1 year old)**

**U-074-976 YOUNG HEN TURKEY (1 year or younger)**

**U-074-977 HEN TURKEY (over 1 year old)**

**U-074-978 YOUNG GANDER (1 year or younger)**

**U-074-979 GANDER (over 1 year old)**

**U-074-980 YOUNG GOOSE (1 year or younger)**

**U-074-981 GOOSE (over 1 year old)**

**U-074-982 YOUNG DRAKE (1 year or younger)**

**U-074-983 DRAKE (over 1 year old)**  
**U-074-984 YOUNG DUCK (1 year or younger)**  
**U-074-985 DUCK (over 1 year old)**  
**U-074-986 PIGEON**  
**U-074-987 DUCKLINGS (Participation Ribbon Only)**  
**U-074-988 GUINEA**  
**U-074-989 HEN GUINEA**

**DIVISION 70 – EGGS**

Premium 3

Eggs are an exhibit of the club member's selection ability. Eggs will be judged for interior quality, uniformity of weight, size and shape, shell texture and **cleanliness** of shell. Do not refrigerate eggs before judging. Enter eggs Sunday August 6, from 4pm to 6pm during static check in.

**U-070-020 WHITE EGGS – 1 DOZEN**  
**U-070-021 BROWN EGGS – 1 DOZEN**  
**U-070-022 OTHER COLORED EGGS – 1 DOZEN**

COUNTY-ONLY CLASSES:

**U-070-930 WHITE EGGS – 1/2 DOZEN**  
**U-070-931 BROWN EGGS – 1/2 DOZEN**  
**U-070-932 OTHER COLORED EGGS – 1/2 DOZEN**

**DIVISION 76 – EMBRYOLOGY**

Premium 3

Enter these items in the General Areas Engineering Division the 4-H Building on Sunday, August 6, from 4:00 p.m. - 6:00 p.m. The items will be judged the day of the poultry show. They will be exhibited in the 4-H building during the fair.

**U-076-970 INCUBATION POSTER** 14" x 22" showing the story of incubating to hatching.  
**U-076-971 EMBRYOLOGY STORY** - up to 500 words long about your embryology project.



**DEPARTMENT I RABBITS**  
Superintendent Chris Abbott  
Assistant Superintendent Carol Thomassen

Pre-enter all animals by July 15th. A 4-H member is limited to exhibiting 6 rabbits. All 4-H rabbit exhibitors must be Youth for the Quality Care of Animals (YQCA) certified. Enter rabbits between 8:00 p.m. and 10:30 p.m. on Tuesday, August 8. Rabbits will be released 10:00 p.m. Saturday, August 14. There will be no Sunday, August 15 release of rabbits. The Rabbit show will start Friday, August 13 at 9:00 a.m. with 4-H showmanship followed by the 4-H rabbit show then the Open Class Rabbit Show. All rabbits must be exhibited on the table by the exhibitor. Entry tag must list the breed and class of the rabbit. All rabbits should be tattooed in the left ear. All rabbits will be judged by breeds. Exhibitors are required to bring feed and container for your animal. The 4-H Rabbit Show will be first, followed by the Open Class Show. All 4-H members must wear proper attire (see "Dress Code," 4-H Division, General Rules 4-H). Exhibitor must wear an exhibitor number. Only a 4-H member or a helper that is 4-H age may assist in bringing rabbits to the judging table. Rabbits used in showmanship must be the 4-H project of the exhibitor.

**DIVISION 80 – SHOWMANSHIP**

Premium 3

**I-080-971 SENIOR 15** years and older

**I-080-972 INTERMEDIATE** ages 12-14

**I-080-973 JUNIOR** ages 8-11

**DIVISION 83 - COMMERCIAL RABBITS-PUREBREDS ONLY**

Premium 3

**I-083-974 BREEDING SENIOR BUCKS** (over 8months)

**I-083-975 BREEDING SENIOR DOES** (over 8months)

**I-083-976 BREEDING INTERMEDIATE BUCKS** (6-8 months)

**I-083-977 BREEDING INTERMEDIATE DOES** (6-8months)

**I-083-978 BREEDING JUNIOR BUCKS** (under 6months)

**I-083-979 BREEDING JUNIOR DOES** (under 6months)

**I-083-980 SMALL FRYER** (3 to 4 pounds)

**I-083-981 LARGE FRYER** (4-5 pounds)

**I-083-982 MARKET PEN** (3 bunnies between 3-5pounds)

**I-083-983 FUR** (judged for best quality fur). One entry per exhibitor.

**I-083-984 DOE AND LITTER** (litter is six weeks old or younger)

**DIVISION 83 - FANCY RABBITS-PUREBREDS ONLY**

Premium 3

**I-083-985 SENIOR BUCK** (6 months of age and older)

**I-083-986 SENIOR DOE** (6 months of age and older)

**I-083-987 JUNIOR BUCK** (Under 6 months of age)

**I-083-988 JUNIOR DOE** (Under 6 months of age)

**I-083-989 FUR** (Judged for best quality fur). One entry per exhibitor.

**I-083-990 DOE & LITTER** (Litter 6 weeks old & younger)

**DIVISION 84 - CROSSBREDS THAT DO NOT MEET BREED STANDARDS**

Premium 3

**I-084-990 PET RABBIT** (crossbreds)

**DIVISION 85 - BEST DRESSED RABBIT**

Premium 3

**G-085-991 SENIOR** 15 years and older

**G-085-992 INTERMEDIATE** ages 12-14

**G-085-993 JUNIOR** ages 8-11

The exhibitor must have a theme to go along with the costume. The criteria for judging will be based on originality and creativity.

**DIVISION 86 - EXHIBIT CLASS**

Premium 3

Enter these items in the General Areas Engineering division in the 4-H Building on Sunday, from 4:00-6:00 p.m. The items will be judged the day of the rabbit show. They will be exhibited in the 4-H building during the fair.

**G-086-994 HOMEMADE CARRYING PEN** (watertight bottom for carrying pen may be purchased)

**G-086-995 HOMEMADE NEST BOX** (indicate breed on entry tag)

**G-086-996 GROOMING TABLE**

**G-086-997 POSTER** - 14"x22" either vertical or horizontal arrangement

**G-086-998 MISCELLANEOUS EDUCATIONAL EXHIBIT**

Maximum size 2' wide x 2' long x 2' deep. Judged on creativity, presentation, educational value, and exhibitor's knowledge of rabbits.

**DEPARTMENT H CATS  
DEPARTMENT J SMALL PET**

Superintendent Kim Scholting  
Assistant Superintendents: Carol Thomassen & Mirissa Scholting

All cats must be immunized with Distemper, Rabies, and Upper Respiratory vaccines and be on a leash. Ferrets must have rabies vaccine. Cat entries limited to 1 per exhibitor, Small Pet limited to two per species. Animals must be pre-entered by July 15th. Exhibitors are required to bring feed and container and cage or holder for animal, as these are not furnished by the management. All 4-H members must wear proper attire (see "Dress Code," 4-H Division, General Rules 4-H). Exhibitor must wear an exhibitor number.

**DIVISION 65 – CAT**

Premium 3

**H-065-970 CAT – SENIOR**

**H-065-971 CAT – INTERMEDIATE**

**H-065-972 CAT - JUNIOR**

**H-065-973 CAT POSTER** - 14"x 22" either vertical or horizontal arrangement showing any subject matter relating to cats.

**DIVISION 68 - SMALL PET**

Premium 3

**J-068-974 HAMSTERS, GERBILS, FERRETS & OTHER SMALL MAMMALS**

**J-068-975 BIRDS (NON-POULTRY)**

**J-068-976 REPTILES, FISH AND AMPHIBIANS**

# Animal Science- Department G

## Dog

### Dog Show Entry Form, Affidavit and Vaccination Record (SF263) are due by July 15, 2023.

**Superintendent:** Shannon Myer

The 2023 4-H Dog Show will be held Monday, July 24th at 6:00pm with check-in at 5:15pm. The Dog Show will be held at the Sarpy County Fairgrounds Open Air Arena.

**Rules:**

- A. **PROCEDURE:** The show will follow the procedures described in Nebraska 4-H Dog Shows Guidelines. Access guidelines here: <https://4h.unl.edu/fairbook/live-animals/dog>
- B. **DOG ELIGIBILITY:** Exhibitors 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.
- C. **VACCINATION:** All dogs must be immunized for distemper, hepatitis, parvo, and rabies. **The Nebraska State Fair Dog Show Vaccination Record Form (SF263) must be completed and signed by a veterinarian and returned as part of the advanced entry no later than July 15, 2023.** All vaccinations must be in effect at the time of the Sarpy/Cass 4-H Dog Show.
- E. **NUMBER OF ENTRIES PER EXHIBITOR:** Exhibitors may enter in one showmanship class, two obedience classes (using different dogs in different levels), and one versatility class.
- F. **DISQUALIFICATIONS:** Females in season will not be permitted to show. A handler with a dog that has a visible condition that does not impair the dog's general health may present a signed vet's opinion that the dog is able to be shown. The document should be presented to the ring steward before entering the ring. Any abuse of dogs on the grounds or in the ring will result in disqualification. Overly aggressive dogs or handlers who cannot, or do not, properly control a dog will be excused and disqualified from that class.
- G. **AGE OF DOG:** A dog that is exhibited must be 6 months or older.
- H. **DRESS CODE:** Exhibitors are required to wear an approved 4-H t-shirt or white shirt with 4-H chevron attached. Nice pants or jeans are required. No headgear is to be worn in show ring. Closed-toed shoes with non-slip soles are required, no flip flops or sandals are allowed. A show superintendent may rule that circumstances (i.e. inclement or hot weather) warrant a relaxation of dress code rules.
- I. **BAITING:** Baiting with food or a toy is not permitted and is cause for disqualification. Handlers may use baiting action without food or toy in showmanship. The judge/superintendent has the authority to disqualify violators.
- J. **EXHIBITOR RESPONSIBILITY:** Exhibitors are responsible for cleaning up after their own dog both in and out of the ring. A point penalty may be assessed by the show superintendent in conference with extension personnel. Exhibitors must be present and ready to enter the ring when their class is called. No exhibitor will be allowed to enter after the class judging starts.  
Only Exhibitors are allowed to groom or work dogs at the show, both in and out of the rings.
- K. **ADVANCEMENT FOR OBEDIENCE:** Follow rules in Nebraska 4-H Dog Show Guidelines 4H420. Access guidelines here: <https://4h.unl.edu/fairbook/live-animals/dog>
- L. **ADVANCEMENT FOR SHOWMANSHIP:** Showman will be allowed to compete in a division each year based on their age. Any class champion has the option to move up to the next class level of competition. Once they have chosen to advance to the next level of competition, they MAY NOT return to the previous class level of competition.
- M. **PREMIUMS:** Dog Show premiums are pay level 3.

**Animal Science - Department G  
Division 700 – Dog Showmanship**

**General Information:**

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%).

Please refer to Nebraska 4-H Dog Show Guidelines 4H420 for list of acceptable collars and leashes. Substitution of collars and leashes will be up to the discretion of the judge.

- G-700-901      NOVICE (FIRST YEAR) SHOWMANSHIP**  
Handler is age 8-18 (age before Jan. 1) with NO previous dog show experience.
- G-700-902      JUNIOR SHOWMANSHIP**  
Handler is age 8-9 years old (age before Jan. 1) with previous dog show experience. This does include former Clover Kid experience.
- G-700-903      INTERMEDIATE SHOWMANSHIP**  
Handler is age 10-13 (age before Jan. 1) with previous dog show experience.
- G-700-904      SENIOR SHOWMANSHIP**  
Handler is age 14-18 (age before Jan. 1) with previous dog show experience.
- G-700-905      MASTER SHOWMANSHIP**  
Open to any state fair eligible senior who has won Sr. Showmanship at the county fair or State Fair.
- G-700-999      CLOVER KID SHOWMANSHIP AGES 5-7 (age before Jan. 1)**

**Animal Science - Department G  
Division 701 – Dog Obedience**

**General Information:**

Please refer to Nebraska 4-H Dog Show Guidelines 4H420 for list of acceptable collars and leashes. Access guidelines here:

<https://4h.unl.edu/fairbook/live-animals/dog>

- G-701-901      BEGINNING NOVICE A**  
Handler and the dog being shown are both in their first year of any dog show competition. All exercises must be performed on a six-foot leash. Dogs must heel including figure 8; come on recall; stand for examination; long sit for one minute and long down for three minutes. During the sit and down exercise, the leash must be held by the handler.
- G-701-902      BEGINNING NOVICE B**  
Exhibitor or dog is beyond first year of competition. 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 three minutes. During the sit and down exercise, the leash must be held by the handler.
- G-701-903      NOVICE**  
Dogs must heel on leash including the figure 8; heel free, stand for examination off leash; come on recall off leash; long sit one minute off leash; long down three minutes off leash.
- G-701-904      GRADUATE NOVICE**  
Dogs must heel on leash; heel free including the figure 8; drop on recall; stand for examination off leash; long sit three minutes and long down five minutes
- G-701-905      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. (Exhibitor must bring materials for this class as extension office does not supply them)
- G-701-906      OPEN**  
All exercises off leash. Dogs must: heel free and figure 8; drop on recall; retrieve on flat; retrieve over high jump; broad jump; long sit for 3 minutes and long down for 5 minutes, both with handler out of sight. (Exhibitor must bring materials for this class as extension office does not supply them)
- G-701-907      GRADUATE OPEN**  
Signal exercise, scent discrimination, directed retrieve, moving stand and examination, go out, and directed jumping. (Exhibitor must bring materials for this class as extension office does not supply them)
- G-701-908      UTILITY**  
All exercises must be off leash. 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.

**Animal Science - Department G  
Division 702 – Dog Versatility**

**702-901 COSTUME**

- Any current Douglas-Sarpy and Cass County 4-H member is eligible to participate.
- Exhibitors should design a coordinating or matching costume for not only themselves but also their dog. Costumes should be safe for the animal to be able to walk freely and without fear.
- Exhibitors may not modify any natural color of the animal.
- Narrations must be turned in at Dog Show Check-in.
- **Non-premium class open to both Clover Kids and Regular 4-Her's**

**703-902TRICK**

- Performances must be limited to 2 minutes per exhibitor and dog team.
- Narrations must be turned in at Dog Show Check-in.
- The dog will perform tricks for the judge. A narration must accompany the entry to perform. The exhibitor will tell the judge and the crowd what tricks the dog will be performing.

**DOG SHOW ENTRY FORM  
ALL ENTRIES DUE AT EXTENSION  
OFFICE BY JULY 15, 2023**

**READ CAREFULLY:** The dog show will be held on Monday, July 24, 2022, at 6:00 pm at the Sarpy County Fairgrounds Open Air Arena. **Entries for the 4-H Dog Show for Cass County 4-H Youth must be made on 4H-Online. Entry must also include:**

- **DOGS - Vaccination form SF263 for dogs must be sent to Tammy @tcavanaugh2@unl.edu by July 15, 2023 or exhibitor will not be able to participate in the contest. Vaccination forms can be found at: [SF263-Dog-Vaccination-Certification.pdf](#)**
- **Dog Ownership Affidavit – see on following pages**

## Versatility Classes Narration Form

Exhibitor: \_\_\_\_\_ Age: \_\_\_\_\_

Dog Breed: \_\_\_\_\_

Club Name: \_\_\_\_\_

Narration: (limit narration to 60 words or less)

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Samples:

- 1) Here comes Santa with Rudolph and his sleigh better known as Sammy Jones and his dog Buster. Sammy enjoys showing Buster in obedience and showmanship classes. Sammy has been a 4-H member in Sarpy County for four years and will be a freshman in the fall.
  
- 2) Annie Jones enjoys spending time with her Lab Roscoe. This year she thought it would be fun to dress Roscoe in Plaid Pajamas for a slumber party. Annie is ready for the pillow fight wearing her pink pillowcase. This is Annie's second year showing dogs at the Sarpy County Fair. She will be a fifth grader in the fall and enjoys playing volleyball.
  
- 3) Doesn't take long to recognize the linebacker in this pair. Joey Jones and his mixed breed dog, Boomer are ready for the big game. Dressed up in their pads and football gear, they are sure to intimidate from the line. Joey is a member of Happy Camper 4-H Club and has been a member of Douglas County 4-H for six years.

## CASS COUNTY 4-H DOG OWNERSHIP AFFIDAVIT

This affidavit is required for Cass County Dog Show if the dog is not owned by the exhibitor or exhibitor's immediate family.  
Please return by Saturday, July 15, 2023

4-H Member: \_\_\_\_\_

Sex	Breed	Color/Markings	Date of Birth	Name of Dog

As owner of the dog(s) described above, I certify that

\_\_\_\_\_ (exhibitor's name) has my permission to use this animal(s) in their Cass County Fair Project. I understand that the 4-H member must manage (including feeding, grooming, exercising, training, etc.) and have access to this dog(s) at least 75% of the time during the course of the project year. As the 4-H member who will be showing above dog(s), I agree that I must manage (including feeding, grooming, exercising, training, etc.) and have access to this dog(s) at least 75% of the time during the course of the project year.

Signature of 4-H Member

Signature of Owner

\_\_\_\_\_

\_\_\_\_\_

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## DEPARTMENT C CLOTHING

Superintendent Elizabeth Kovar

- Individuals are allowed only one entry per class number, unless otherwise specified. If more than one item per class is entered they will be judged and displayed but no premium will be awarded.
  - Only exhibits receiving purple ribbons are eligible for State Fair.
- Entry tags are to be filled out with appropriate Department, Division, and Class numbers. 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 on the right side of the garment and the hook of the hanger to the left.
- 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.
  - 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. Wool garments and garments with narrow straps hang better on other hangers, i.e., wooden or notched plastic hangers. As you look at the garment, place the hook of the hanger to the left. Use safety pins to fasten skirts, shorts, and pants to hangers. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.
  - Garments as listed may be made for self (4-H member) or another person.
  - Premier 4-H Science Award is available in this area.

### DIVISION 210 - STEAM CLOTHING 1

Premium 3

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.

#### C-210-971 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.

#### C-210-972 SEWING KIT

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

#### C-210-973 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.

#### C-210-974 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.

#### CI-210-975 CLOTHING SERVICE PROJECT

Can include pillows or pillowcases 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

**BEGINNING SEWING EXHIBITS:** Exhibits must be made from medium weight woven fabrics that will sew and press smoothly, flannel/ fleece is acceptable. Solid color fabrics or those having an overall print are acceptable. NO PLAIDS, STRIPES, NAPPED or JERSEY KNIT. Patterns should be simple without darts, set-in sleeves, and collars. Raglan and kimono sleeves are acceptable

#### C-210-976 PIN CUSHION

#### C-210-977 PILLOWCASE

#### C-210-978 SIMPLE PILLOW – No larger than 18"x18"

#### C-210-979 BAG/PURSE – No zippers or buttonholes

#### C-210-980 SIMPLE TOP



- C-210-981 SIMPLE BOTTOM** – pants, shorts, or skirt
- C-210-982 SIMPLE DRESS**
- C-210-983 OTHER ITEM**–  
Using skills learned in project manual. (Apron, vest, etc.)

- C-210-984 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.

- C-210-985 UPCYCLED ACCESSORY**  
A wearable accessory made from a used item. The item used must be changed in some way in the “redesign” process. A “before” picture and a description of the redesign process must accompany the entry or it will be disqualified.

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

Premium 3

Exhibits entered in this project must reflect at least on 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 garments design and should demonstrate sewing skills beyond STEAM Clothing 1.

- C-222-001 DESIGN BASICS, UNDERSTANDING DESIGN PRINCIPLES(SF20)**  
4-H members enrolled in STEAM Clothing 2 may enter an exhibit sharing a learning experience from pages 17-20 in the project manual. Include answers to questions found on page 20 of the manual. The exhibit may be a notebook, poster, or small display.  
Exhibits should not exceed 22” x 30”.
- CI-222-002 PRESSING MATTERS(SF20)**  
4-H members enrolled in Steam Clothing 2 may enter a ham or sleeve roll from pages 21-25, “A Pressing Matter” in the project manual. Exhibit should include answers to lesson questions that are most appropriate to include.
- CII-222-003 UPCYCLED GARMENT(SF28)**  
Create a garment from used textile 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.  
Not eligible for State Fair Fashion Show.
- C-222-004 UPCLYCLED CLOTHING ACCESSORY(SF28)**  
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 onskill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.  
Not eligible for State Fair Fashion Show
- C-222-005 TEXTILE CLOTHING ACCESSORY(SF28)**  
Textile accessory is constructed using at leastone skill learned in this project from materials appropriate for STEAM 2. Entry examples: hats, bags, scarves, gloves, aprons etc. No metal, plastic, paper, or rubber base items allowed (barrettes, headbands, flip flops, duct tape, etc.)  
Not eligible for State Fair Fashion Show.
- C-222-006 TOP(SF28)**  
Vest acceptable  
Not eligible for State Fair Fashion Show.
- C-222-007 BOTTOM(SF28)**  
Pants or shorts  
Not eligible for State Fair Fashion Show.
- C-222-008 SKIRT(SF28)**  
Not eligible for State Fair Fashion Show.
- C-222-009 LINED OR UNLINED JACKET(SF28)**  
Not eligible for State Fair Fashion Show.
- C-222-010 DRESS(SF28)**  
Not formal wear  
Eligible for State Fair Fashion Show.
- C-222-011 ROMPER OR JUMPSUIT(SF28)**  
Eligible for State Fair Fashion Show.
- C-222-012 TWO- PIECED OUTFIT(SF28)**  
Eligible for State Fair Fashion Show.

**C-222-013 ALTER YOUR PATTERN(SF28)**

Eligible for State Fair Fashion Show.

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.

**C-222-014 GARMENT CONSTRUCTED FROM SUSTAINABLE OR UNCONVENTIONAL NATURAL OR SYNTHETIC FIBERS(SF28)**

Fabric/Fibers used in this garment are required to be manufactured/purchased, 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.

Not eligible for State Fair Fashion Show.

**C-222-971 OTHER ARTICLE**

Up to three items you have made in this project.

**DIVISION 223 – STEAM CLOTHING 3 – A STITCH FURTHER**

Premium 3

Exhibits entered in this project must reflect atleast 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.

**C-223-001 UPCYCLED GARMENT (Not eligible for State Fair Fashion Show)( SF21)**

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.

**C-223-002 UPCLYCLED CLOTHING ACCESSORY(Not eligible for State Fair Fashion Show) (SF22)**

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 oneskill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.

**C-223-003 TEXTILE CLOTHING ACCESSORY(Not eligible for State Fair Fashion Show) (SF23)**

Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 3. Entry examples: hats, bags, scarves, gloves, apronsetc. No metal, plastic, paper or rubber base items allowed (barrettes, headbands, flip flops, duct tape, etc.)

**C-223-004 DRESS or FORMAL(SF28)**

Eligible for State Fair Fashion Show.

**C-223-005 SKIRTED COMBINATION(SF28)**

Skirt with shirt, vest or jacket, OR jumper and shirt. Eligible for State Fair Fashion Show.

**C-223-006 PANTS or SHORTS COMBINATION(SF28)**

Pants or shorts with shirt, vest, or jacket. Eligible for State Fair Fashion Show.

**C-223-007 ROMPER or JUMPSUIT(SF28)**

Eligible for State Fair Fashion Show.

**C-223-008 SPECIALTY WEAR(SF28)**

Includes swim wear, costumes, hunting gear,or chaps. Eligible for State Fair Fashion Show.

**C-223-009 LINED OR UNLINED JACKET(SF28)**

Non-tailored, Eligible for State Fair Fashion Show

**C-223-010 COAT, BLAZER, SUIT JACKET, or OUTERWEAR (SF29)**

A tailored blazer, suit jacket, or coat. Wool entries must have fiber content listed on the identification label to be considered for the Make It with Wool Award.

Eligible for State Fair Fashion Show.

**C-223-011 ALTER/DESIGN YOUR PATTERN (SF31)**

Include information sheet that describes:

1. How was the pattern altered or changed?
2. Why the changes were needed/wanted. Appropriate skills for altering/designinga pattern in STEAM 3 include:
  - o moving darts
  - o adding a zipper
  - o merging two patterns together
  - o altering a pattern for a woven or knitmaterial.
  - o adding a lining
  - o designing your own pattern

**C-223-012 GARMENT CONSTRUCTED FROM SUSTAINABLE OR UNCONVENTIONAL NATURAL OR SYNTHETIC FIBERS (SF28)**

Fabric/Fibers used in this garment are required 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 220 – GENERAL CLOTHING**

Premium 3

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

**C-220-001 CLOTHING PORTFOLIO (SF20)**

Complete at least four different samples/activities from Chapters 2, 3 or 4 of the project manuals. The Portfolio should be placed in an 8½” 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 pgs.9-11 in STEAM Clothing 2: Simply Sewing project manual for portfolio formatting.

**C-220-002 TEXTILE SCIENCE SCRAPBOOK (SF20)**

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 8½” 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.

**C-220-003 SEWING FOR PROFIT (SF63)**

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

**DIVISION 221 – BEYOND THE NEEDLE**

Premium 3

4-H members must show their own original creativity.

**C-221-001 DESIGN PORTFOLIO (SF 20)**

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 8½” 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.

**C-221-002 COLOR WHEEL (SF 20)**

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”.

**C-221-003 EMBELLISHED GARMENT WITH ORIGINAL DESIGN (SF 26)**

Create a garment 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. Eligible for State Fair Fashion Show

**C-221-004 ORIGINAL DESIGNED FABRIC YARDAGE (SF 27)**

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.

**C-221-005 ITEM (GARMENT OR NON-CLOTHING ITEM) CONSTRUCTED FROM ORIGINAL DESIGNED FABRIC (SF 26)**

Fabric yardage is designed first, then an item is constructed from that fabric. Other embellishments may be added. Garment eligible for State Fair Fashion Show.

**C-221-006 TEXTILE ARTS GARMENT OR ACCESSORY (SF 23)**

A garment or accessory constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing. Garment eligible for State Fair Fashion Show.

**C-221-007 FASHION ACCESSORY (SF23)**

An accessory designed and/or constructed using elements and principles of design can be textile or non-textile based. Examples: shoes, bracelets, scarves, weaving, etc. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.

NOT eligible for State Fair Fashion Show

**C-221-008 WEARABLE TECHNOLOGY GARMENT OR ACCESSORY (SF 26)**

Technology is integrated into the garment in some way (For example: LEDs, charging capabilities, sensors, etc.) Not eligible for State Fair Fashion Show.

**C-221-900 EXTRA ARTICLE made in this project.**

## DEPARTMENT C

### KNITTING AND CROCHET

**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 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 swivelhook ONLY. All exhibits not suitable for hanging should be entered in a self-sealing plastic bag and hung on a hanger. Wool garments and garments with narrow straps hang better on other hangers, i.e., wooden, or notched plastic hangers with a swivel hook. As you look at the garment, place the hook of the hanger to the left. Fasten skirts, shorts, and pants to skirt/pant hangers or safety pin on hanger. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.

**REMOVAL OF ENTRIES:** Entries may not be removed for use in any other State Fair activity including State Fair Fashion Show.

**GENERAL:** Garments as listed may be made for self (4-H member) or another person. Garments will be displayed by county. 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 Knitting Level 3, you are not eligible to exhibit in STEAM Clothing Knitting Level 2.

#### **DIVISION 225 - KNITTING**

Premium 3

One entry per exhibitor per class. Scoresheet SF60 for all classes.

**INFORMATION SHEET for KNITTING** - All knitted items will be displayed in the clothing area. Criteria for judging knitting: Design and Color, Neatness, Knitting Mechanics, Trimmings, and Constructions Finishes.

Scoresheet SF60 for all classes Information Sheet must be included for all classes in For Knitting. Each knitted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

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

#### **C-225-001 LEVEL 2 KNITTED CLOTHING(SF60)**

Knitted item or garment using pattern stitches such as diamond, block, twist, or seed/moss stitches. Basic stitches [including Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo)] to form pattern.

Garment eligible for State Fair Fashion Show.

#### **C-225-002 LEVEL 2 KNITTED HOME ENVIRONMENT ITEM(SF60)**

Knitted Item using basic stitches [including: Knit (K), Purl (P), Slip Knit Pass Over (SKPO), Knit Two Together (K2tog), Yarn Over (yo)] to form patterns.

#### **C-225-003 ARM OR FINGER KNITTED ITEM (CLOTHING OR HOME ENVIRONMENT ITEM)(SF60)**

#### **C-225-004 LOOM KNITTED ITEM (CLOTHING OR HOME ENVIRONMENT ITEM)(SF60)**

#### **C-225-005 LEVEL 3 KNITTED CLOTHING OR HOME ENVIRONMENT ITEM(SF60)**

Knitted item or garment made from advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, Germaine, feather, and fan or knitting with one or more patterns such as Aran or Fair Isle. Made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.

Garment eligible for State Fair Fashion Show.

**C-225-006 LEVEL 3 KNITTED HOME ENVIRONMENT ITEM(SF60)**

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.

**C-225-007 LEVEL 3 MACHINE KNITTING(SF60)**

**C-225-971 LEVEL 1 (SIMPLE KNIT-PURL ITEMS)RIBBED HAT**

**C-225-972 LEVEL 1 (SIMPLE KNIT-PURL ITEMS)SIMPLE ACCESSORY**

**C-225-973 LEVEL 1 SAMPLE BOOK OR POSTER.**

Enter at least three samples of different knit stitches. Samples should be at least 4" square, mounted in a notebook or on a poster and must be labeled with gauge, size of knitting needle, name of stitches used and type of yarn.

**DIVISION 226 - CROCHETING**

Premium 3

One entry per exhibitor per class. Scoresheet SF61.

Information Sheet must be included for all classes in crocheting. All crochet items will be displayed in the clothing area. Criteria for judging crochet: Design and Color, Neatness, Crochet Mechanics, Trimmings, and Construction Finishes. Each crocheted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

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

**C-226-001 LEVEL 2 CROCHETED CLOTHING(SF61)**

Crochet garment using basic stitches [including chain, single, double, half-double, treble] to form patterns. Garment eligible for State Fair Fashion Show.

**C-226-002 LEVEL 2 CROCHETED HOME ENVIRONMENT ITEM(SF61)**

Crochet item using basic stitches (including chain, single, double, half-double, treble) to form patterns.

**C-226-003 LEVEL 3 CROCHETED CLOTHING(SF61)**

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

**C-226-004 LEVEL 3 CROCHETED HOME ENVIRONMENT ITEMS (SF61)**

Crochet item using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs and multiple pattern stitches.

**C-226-971 LEVEL 1 CROCHETED ITEM OF CLOTHING OR ITEM FOR THE HOME**

**C-226-972 LEVEL 1 SAMPLE BOOK OR POSTER.**

Enter at least three samples of different crochet stitches. Samples should be at least 4" square, mounted in a notebook or on a poster and must be labeled with gauge, size of crochet hook, name of stitches used and type of yarn.

**DIVISION 236 - CLOTHING FLOP**

Premium 3

4-H members enrolled in any clothing project may enter this class.

**C-236-971 CLOTHING FLOP**

One item in any class of clothing that was not a successful product. Must have an accompanying card that tells what caused the problem, what would have been a correct procedure, and if there is anything that can be done to improve this project.

**DEPARTMENT C  
CONSUMER MANAGEMENT**

**DIVISION 240 - SHOPPING IN STYLE**

*Age 10 and over*

Premium 3

All static exhibits must have received a purple ribbon at the county fair to be considered for State Fair. Premier 4-H Science Award is available in this area. If an exhibit is a poster, should be on 14" x 22" poster board. If a three-ring binder is used it should be 8 ½" x 11" x 1". Videos should be less than 5 minutes in length and be able to be played on a PC using Windows Media Player, Real Player, or QuickTime Player.

**C-240-001 BEST BUY FOR YOUR BUCK(SF84)**

*4-H Ages 10-13.* Provide details of the bestbuy 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.

Provide details about wardrobe inventory which indicates the following:

1. Why you selected the garment?
2. Clothing budget
3. Cost of garment
4. Conclusion or summary statement(s) stating your final comments on why you selected your "best buy for your buck".
5. Provide 3 color photos of you wearing the garment: Front view, side views, back view.

**C-240-002 BEST BUY FOR YOUR BUCK(SF84)**

*Ages 14-18.* Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). Do not include the Shopping In Style Fashion Show Information Sheet in your entry. Although both entries do share some information, there are differences in content and format for this class.

Provide details listed for those ages 10-13 plus include the following additions:

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

**C-240-003 REVIVE YOUR WARDROBE(SF88)**

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

**C-240-004 SHOW ME YOUR COLORS(SF89)**

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).

**C-240-005 CLOTHING FIRST AID KIT(SF64)**

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.

- C-240-006 MIX, MATCH, & MULTIPLY(SF90)**  
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 (on a clothesline, 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).
- C-240-971 ADVERTISING POSTER**  
14" x 22" poster illustrating the two types of advertisements for clothing and accessories: informers and persuaders. Label each ad as to the type and the emotion being appealed to.
- C-240-972 INFORMATIVE LABEL POSTER**  
14" x 22" poster of at least three informative labels and hang tags from garments. Rate each very poor to excellent and tell why.

## **DIVISION 247 – MY FINANCIAL FUTURE**

Premium 3

General Information: Entries should be typed and then attached to a piece of colored card stock or colored posterboard (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.

### BEGINNER/INTERMEDIATE

- C-247-001 FINANCIAL GOALS(SF247)**  
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.
- C-247-002 INCOME INVENTORY(SF247)**  
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.
- C-247-003 TRACKING EXPENSES(SF247)**  
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.
- C-247-004 MONEY PERSONALITY PROFILE(SF247)**  
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.
- C-247-005 WHAT DOES IT REALLY COST(SF247)**  
Complete Activity 8 "What Does It Really Cost?" on pages 39-40.
- C-247-006 MY WORK; MY FUTURE(SF247)**  
Interview three adults in your life about their careers or jobs using the questions on page 51 and record these answers. In addition, answer the following questions on your display. What did you find most interesting about these jobs? Were there any positions you might want to pursue as your career? Why/Why not? What careers interest you at this point in your life? What are three steps you need to do now to prepare for this career?

### INTERMEDIATE/ADVANCED

- C-247-007 INTERVIEW(SF247)**  
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 of getting paid the way you do?
  - Does your pay keep pace with inflation? Why do you think this?
  - Summarize: Based upon your interviews which payment method would suit you the best? Discuss your answer.
- C-247-008 THE COST OF NOT BANKING(SF247)**  
Type your answers to the questions about Elliot on page 50.
- C-247-009 EVALUATING INVESTMENT ALTERNATIVES(SF247)**  
Complete the case study of Jorge on page 64. Answer all three questions found at the bottom of the page.
- C-247-010 UNDERSTANDING CREDIT SCORES(SF247)**  
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.

**C-247-011 YOU BE THE TEACHER(SF247)**

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.

**DEPARTMENT E FOODS**

Superintendent Ruth Ann Hlavac, Assistant Superintendent Christina Jenson

**Exhibitors are limited to one entry per class number. All static exhibits must have received a purple ribbon at county fair to be considered for State Fair.** 4-Hers may sign up to interview with the Foods judge on Monday. Interviews will be no longer than 10 minutes. Sign up at check-in on Sunday from 4:00 p.m.-6:00 p.m. Interviews are optional.

**FOOD & NUTRITION RULES:**

1. All food products and food preservation exhibit must include the recipe. The recipe may be handwritten, photocopied, or typed. Place the food on the correct sized plate. Put exhibit in a self-sealing bag. Attach entry tag to the outside corner of the bag.
2. Nonfood exhibits must attach the entry tag to the upper right-hand corner of the entry. All additional information pieces (recipes, cards, special items) must be labeled with exhibitor's name and county.
3. Exhibits will be judged according to scoresheet available at the extension office. Make sure to follow all entry instructions 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, or other pre-made mixes entered in other categories will be lowered a ribbon placing.
4. Enter food projects in disposable material - paper plate and zip lock bag.
5. Ingredients that the 4-H member cannot legally purchase such as beer, whiskey, rum, etc. may not be used in any recipe or foods exhibit. Exhibits that include alcohol will be disqualified. This includes menu and recipe file exhibits.
6. Exhibits are on display for several days, please limit exhibits to products which hold up well. Items that require refrigeration will not be accepted, judged, or displayed. Food products must be unquestionably safe to eat when they are entered, whether tasted or not. Egg glazes on yeast products before baking are allowed. Glazes, frostings, and other sugar-based products are considered safe due to the high sugar content. Eggs incorporated into baked goods or crusts and cheeses mixed into bread dough are considered safe. All fruit-fillings must be cooked. Uncooked fruit is not allowed in any exhibit due to spoilage (fresh fruit tart). Cream cheese fillings and/or frostings are not allowed. Meat, dried meat, meat substitute pieces (bacon bits, pepperoni, etc.) or melted cheese toppings are not allowed in food exhibits. They may result in an unsafe food product by the time the item is judged due to unpredictable heat and/ or weather conditions and will be disqualified.
7. *You Be the Teacher* exhibits are not eligible for State Fair. The educational display may be a poster, mobile, three-dimensional display, scrapbook, balance beam type exhibit, charts, journals, pictures, slides, equipment, supplies, photographs, puppet play, skit, judging comparison, taped interview, file of ideas, research study, etc. A display may not exceed a total exhibit space of 12" deep, 15" wide and 10" high. Posters may be up to 14" x 22". Picture, food models, plaster papier-mâché, etc., may be used only if they help to explain your educational exhibit. Exhibits which contain perishable food should include a colored photograph of the food (not the food item). The photograph should be taken prior to the Fair and attached to the exhibit. The photograph will be displayed and judged as part of the educational exhibit.

**DIVISION 350 - GENERAL**

Premium 3

Open to any 4-H'er enrolled in a Foods and Nutrition project. Consider neatness and creativity.

**E-350-001 FOOD SCIENCE EXPLORATIONS (SF 152)**

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

**E-350-002 FOODS, AND NUTRITION POSTER, SCRAPBOOK, OR PHOTO DISPLAY (SF 122)**

Involves a nutrition, food preparation technique or career concept/lesson. This might contain pictures, captions, and/or reports to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22" x 30"), computer-based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio, or notebook.

**E-350-003 PHYSICAL ACTIVITY and HEALTH POSTER, SCRAPBOOK, OR PHOTO DISPLAY (SF 122)**

Involving a physical activity or career concept/ lesson. This might contain pictures, captions, and/or reports to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22" x 30"), computer-based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio, or notebook.



**E-350-004 COOKING BASICS RECIPE FILE (SF 251)**

A collection of 10 recipes from any source. Each recipe must accompany a complete menu in which the recipe is used. An additional 10 recipes may be added each year the 4-H'er is in the project, with year clearly marked on recipes. Display in a recipe file or binder. Be sure to include the number of servings or yield of each recipe. This may be a continued recipe file project from the previously used 4-H curriculum before 2021. Exhibits that include recipes with alcohol (wine, beer, rum, etc.) will be disqualified.

**COOKING 101**

Premium 3

**County Only – not eligible for State Fair.**

**E-401-901 COOKIES (any recipe, 4 on a paper plate)**

**E-401-902 MUFFINS**

Any recipe, 4 on a paper plate.

**E-401-903 NO BAKE COOKIE**

Any recipe, 4 on a paper plate.

**E-401-904 CEREAL BAR COOKIE**

Any cereal based recipe made in pan and cut into bars or squares for serving.

**E-401-905 GRANOLA BAR**

Any recipe, 4 on a paper plate.

**E-401-906 BROWNIES**

Any recipe, 4 on a paper plate.

**E-401-907 SNACK MIX**

Any recipe, at least 1 cup in self-sealing plastic bag.

**E-401-975 YOU BE THE TEACHER**

Share with others what you learned in this project.

**E-401-976 FOOD INTERVIEW**

Interview a person who works in a food related job. Maximum of two pages, one sided neatly handwritten write up of an interview with a person who works in a food related job. Consider creativity and neatness. Mount on a 9" x 12" colored paper or poster board for one page, or 12" x 18" for two pages. Include a picture of the person interviewed. (May be laminated to preserve exhibit.) Overall size of mounted exhibit should be no larger than 12" x 18".

**E-401-984 BAKING HISTORY INTERVIEW**

One page, one side neatly handwritten or typed story of a baking history interview with an older person. Consider creativity and style of story. Mount on a 9" x 12" colored paper or poster board. Include a picture of the person interviewed. May be laminated to preserve exhibit.

**COOKING 201**

Premium 3

**E-410-001 LOAF QUICK BREAD (SF 123)**

Any recipe, at least ¾ of a baked product on a paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately 8 ½" x 4 ½" or 9" x 5". If mini-loaf pans are used for exhibit, two loaves must be presented for judging.

**E-410-002 CREATIVE MIXES (SF 142)**

Any recipe, at least ¾ of a baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked item made from a mix (commercial or homemade mixes acceptable). Food product must have been modified to make a new and different baking item.

Examples include poppy seed quick bread from a cake mix, cake mix cookies, sweet rolls from a ready-made bread dough, monkey bread 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 made from scratch. Does it make it better or easier to use a convenience product or mix? Why or why not?**

**E-410-003 BISCUITS OR SCONES (SF 136)**

Four biscuits or scones on a small paper plate. This may be any type of biscuit or scone: rolled or dropped. Any recipe may be used, but it must be a non-yeast product baked from scratch.

**E-410-004 HEALTHY BAKED PRODUCT (SF 124)**

Any recipe at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe must contain a fruit or vegetable as part of the ingredients (Ex. banana bars, cantaloupe quick bread, zucchini muffins, etc.)

**E-410-005 COFFEE CAKE (SF 129)**

Any recipe or shape, non-yeast product - at least ¾ of baked product or in a disposable pan. Include menu for a complete meal where this recipe is served, following meal planning guidelines suggested in Cooking 201.

**E-410-006 BAKING WITH WHOLE GRAINS (SF 134)**

Any recipe, at least ¾ of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. Recipe must contain whole grains as part of the ingredients. (whole wheat applesauce bread, peanut butter oatmeal cookies, etc.)

**E-410-007 NON-TRADITIONAL BAKED PRODUCT (SF 133)**

Exhibit must include a food product prepared using a non-traditional method (i.e., bread machine, cake baked in any air fryer, baked item made in microwave etc.) Entry must be at least ¾ baked product, or 4 muffins or cookies on a paper plate or disposable pan. Entry must include supporting information that discusses alternative preparation method and how it compares with traditional methods.

**E-410-975 YOU BE THE TEACHER**

Share with others what you learned in this project.

**E-410-976 FOOD INTERVIEW**

Interview a person who works in a food related job. Maximum of two pages, one sided neatly handwritten write up of an interview with a person who works in a food related job. Consider creativity and neatness. Mount on a 9" x 12" colored paper or poster board. Include a picture of the person interviewed. May be laminated to preserve exhibit. Overall size of mounted exhibit should be no larger than 9" x 12".

**E-410-977 UNFROSTED ONE LAYER CAKE**

Cake must be made with less sugar, fat or salt. Include original recipe and altered recipe. Include at least ¾ of product. Tell what you learned about products made from a modified recipe in supporting information.

**COOKING 301**

Premium 3

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.

**E-411-001 WHITE BREAD (SF 138)**

Any yeast recipe, at least ¾ of a standard loaf, displayed on a paper plate.

**E-411-002 WHOLE WHEAT OR MIXED GRAIN BREAD (SF 138)**

Any yeast recipe, at least ¾ of a standard loaf, displayed on a paper plate.

**E-411-003 SPECIALTY ROLLS (SF 138)**

Any yeast recipe, 4 rolls on a paper plate. Maybe sweet rolls, English muffins, kolaches, bagels, or any other similar recipe that makes individual portions.

**E-411-004 DINNER ROLLS (SF 138)**

Any yeast recipe, 4 rolls on a paper plate. Maybe cloverleaf, crescent, knot, bun, bread sticks, or any other type of dinner roll.

**E-411-005 SPECIALTY BREAD (SF 141)**

Any yeast recipe includes tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least ¾ of a full-sized baked product. May be baked in a disposable pan.

**E-411-006 SHORTENED CAKE (SF 137)**

Exhibit at least ¾ of the cake (recipe must not be from a cake mix). Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

**E-411-978 YOU BE THE TEACHER**

Share with others what you learned in this project.

**DIVISION 412 – COOKING 401**

Premium 3

NOTE: 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.

**E-412-001 DOUBLE CRUST FRUIT PIE (SF 144)**

Made with homemade fruit filling. No egg pastries or cream fillings. No canned fillings or premade pie crusts. May be a double crust, crumb, cut-out or lattice topping. Using an 8- or 9 -inch disposable pie pan is recommended.

**E-412-002 FAMILY FOOD TRADITIONS (SF 145)**

Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Any baked item associated with family tradition and heritage. Entry must include:

- Recipe
- Tradition or heritage associated with preparing, serving the food.
- Where or who the traditional recipe came from

**E-412- 003 ETHNIC FOOD EXHIBIT (SF146)**

Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. The name of the county, culture or regions should be included as part of the supporting information with the recipe as well as background information about the country or culture the food items are representing.

**E-412- 004 CANDY (SF 147)**

Any recipe, 4 pieces of candy on a paper plate or ½ cup. No items containing cream cheese will be accepted (Example: cream cheese mints). Candy may be cooked or no cook; dipped, molded, made in the microwave or other methods of candy preparation. Recipe must be included.

**E-412- 005 FOAM CAKE (SF 138)**

Original recipe (no mixes) of at least ¾ of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

**E-412-006 SPECIALTY PASTRY (SF 143)**

Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked items such as pie tarts, puff pastry, phyllo doughs, biscotti, choux, croissants, Danish, strudels. Phyllo dough may be pre-made or from scratch. Pastries made with cream or egg -based fillings will be disqualified.

**FOOD PRESERVATION**

Premium 3

**FOOD PRESERVATION RULES:**

All Food Preservation Entries must include a recipe. The recipe need not be handwritten, it may be photocopied or typed.

1. **Processing Methods:** Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jams, preserves and marmalades, fruit, tomatoes, and pickled vegetables 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. Spoiled or unsealed container disqualifies entry. No recipe used by a 4-Her may contain any variety of alcoholic beverage.
2. **Uniformity:** Jars do not need to be the same brand. Half pint jars may be used for jellies and preserves. 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 or one -piece lids.**
3. **Current Project:** All canning must be the results of this year’s 4-H project. Exhibits containing multiple jars such as a3 jar exhibit need to be placed in a container to keep jars together.
4. Exhibits will be judged according to the Scoresheets available at your local extension office. Check with your local extension office for your county’s altitude and how that affects food processing times and pounds of pressure.
5. **Recipe/Supporting Information:** Recipe must be included, and may be handwritten, photocopied, or typed. Commercially prepared seasoning mixes are not allowed.
6. 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:
  - Name of product
  - Date preserved
  - Method of preservation (pressure canner or waterbath canner)
  - Type of pack (raw pack or hot pack)
  - Altitude (and altitude adjustment if needed)
  - Processing time
  - Number of pounds of pressure (if pressure canner used)
  - Drying method and drying time (for dried food exhibits)
  - Recipe and source of recipe
  - Label the bottom of each exhibit (your name, product, date, method, time and altitude)

**UNIT 1 FREEZING PROJECT MANUAL**

Premium 3

**E-406-001 BAKED ITEM MADE WITH FROZEN PRODUCE (SF 155)**

Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Recipe MUST include a food item preserved by the freezing method done by the 4-H’er. Ex. Peach pie, blueberry muffins, zucchini bread, etc.). Supporting information must include both the recipe for the produce that was frozen as part of this project AND the baked food item.

**UNIT 2 DRYING PROJECT MANUAL**

**E-407-001 DRIED FRUITS (SF 154)**

Exhibit 3 different examples of 3 different dried fruits. Place each dried fruit food (6-10 pieces of fruit, minimum ¼ cup) in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

**E-407-002 FRUIT LEATHER (SF 154)**

Exhibit 3 different examples of 3 different fruit leathers. Place a 3” to 4” sample of each fruit together in separate self-sealing bags. Use a rubber band or “twisty” to keep exhibit together.

**E-407-003 VEGETABLE LEATHER (SF 154)**

Exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3” to 4” sample of each leather together in separate self-sealing bags. Use a rubber band or “twisty” to keep exhibit together.

**E-407-004 DRIED VEGETABLES (SF 149)**

Exhibit 3 different samples of 3 different dried vegetables. Place each food (¼ cup of each vegetable) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

**E-407-005 DRIED HERBS (SF 149)**

Exhibit 3 different samples of 3 different dried herbs. Place each food (¼ cup of each herb) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

**E-407-006 BAKED ITEM MADE WITH DRIED PRODUCE/HERBS (SF156)**

Any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a dried produce/herb item made by the 4-H'er. Ex. Granola bar made with dried fruits, dried cranberry cookies, Italian herb bread, lemon thyme cookies. Supporting information must include both the recipe for the dried produce/herb AND the baked food item.

**UNIT 3 BOILING WATER CANNING MANUAL**

**E-408-001 1 JAR FRUIT EXHIBIT (SF 150)**

Exhibit one jar of a canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.

**E-408-002 3 JAR FRUIT EXHIBIT (SF 150)**

Exhibit 3 jars of different canned fruits. May be three different techniques for same type of product, ex. Applesauce, canned apples, apple pie filling, etc. Entry must be processed in a boiling water bath according to current USDA recommendations.

**E-408-003 1 JAR TOMATO EXHIBIT (SF 150)**

Exhibit one jar of a canned tomato product. Entry must be processed in a boiling water bath according to current USDA recommendations.

**E-408-004 3 JAR TOMATO EXHIBIT (SF 150)**

Exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a boiling water bath according to current USDA recommendations.

**E-408-005 1 JAR PICKLED EXHIBIT (SF 150)**

One jar of a pickled and/or fermented product. Entry must be processed in the boiling water bath according to current USDA recommendations.

**E-408-006 3 JAR PICKLED EXHIBIT (SF 150)**

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

**E-408-007 1 JAR JELLED EXHIBIT (SF 153)**

Exhibit one jar of a jam, jelly, or marmalade. Entry must be processed in the boiling water bath according to current USDA recommendations.

**E-408-008 3 JAR JELLED EXHIBIT (SF 153)**

Exhibit 3 different kinds of jelled products. Entry may be made up of either pints or halfpints (but all jars must be the same size). Entry must be processed in the boiling water bath according to current USDA recommendations.

**UNIT 4 PRESSURE CANNING PROJECT MANUAL**

**E-414-001 1 JAR VEGETABLE OR MEAT EXHIBIT (SF 150)**

Exhibit one jar of a canned vegetable or meat. Include only vegetables or meats canned in a pressure canner according to current USDA recommendations.

**E-414-002 3 JAR VEGETABLE EXHIBIT (SF 150)**

Exhibit 3 jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to current USDA recommendations.

**E-414-003 3 JAR MEAT EXHIBIT (SF 150)**

Exhibit 3 jars of different kinds of canned meats. Include only meats canned in a pressure canner according to current USDA recommendations.

**E-414-004 QUICK DINNER (SF 151)**

Exhibit a minimum of 3 jars to a maximum of 5 jars plus menu. Meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3" x 5" file card and attach to one of the jars. Entry must be processed according to current USDA recommendations.

**E-414-005 1 JAR TOMATO EXHIBIT (SF 150)**

Exhibit one jar of a canned tomato product. Entry must be processed in a pressure canner according to current USDA recommendations.

**E-414-006 3 JAR TOMATO EXHIBIT (SF 150)**

Exhibit of 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a pressure canner according to current USDA recommendations.

**DIVISION 417 – CAKE, CUPCAKE & COOKIE DECORATING**

Premium 3 County Only

**E-417-980 DECORATING DISPLAY BOARD OR BOX**

Show a minimum of three borders, three flowers, and two leaves.

**E-417-981 DECORATED COOKIES OR CUPCAKES**

Show skills learned this year. Four on a plate. Only decorations will be judged. **E-417-983 FROSTED/**

**DECORATED CAKE**

Styrofoam or cardboard acceptable. Any shape. Only decorations will be judged.

**DIVISION 418 - GINGERBREAD HOUSE**

Premium 3 County Only

**E-418-994 GINGERBREAD HOUSE - HOMEMADE OR COMMERCIAL KIT**

Any size and style. Decorate in any manner.

**DIVISION 420 - FOOD FLOP**

Premium 3

**E-420-999 ANY FOOD PROJECT THAT FAILED**

Must be accompanied by a written or typed summary explaining what you planned, what you did while preparing the item, the result, why you think the flop occurred, and how you would keep it from happening again.

Item must include the recipe and a sample of the flopped food item.

**DIVISION 421 - OTHER FOOD ITEM**

Premium 3

**E-421-970 ANY OTHER FOOD ITEM OR EDUCATIONAL EXHIBIT**

# General Areas

Superintendent Teresa Hawks

Each 4-H member is limited to one exhibit per class. If more than one item per class is entered, they will be judged and displayed but no premium will be awarded. Static exhibits must receive a purple ribbon at county fair to be considered for State Fair.

## GENERAL INFORMATION

- The name and county of each exhibitor should appear separately on the back of each board, article, and set of plans so owners of an exhibit may be identified if the entry tag is separated from the exhibit.
- Several classes require a display board which should be a height of 24" and not to exceed ¼" in thickness. A height of 23 7/8 inches is acceptable to allow for the saw kerf if two 24" boards are cut from one end of a 4'x 8' sheet of plywood. Nothing should be mounted within ¾" of the top or bottom of the board.
- 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 clearly written or typed and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

## CONSERVATION, WILDLIFE & SHOOTING SPORTS

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

### Rules

**1. Show What You Did and Learned:** All exhibitors must show evidence of their personal field experiences, study or observations that relate to their exhibit. This helps judges understand what the 4-H'er did and learned in the process that led to the exhibit.

**2. Proper Credit:** Show proper credit by listing the sources of plans or other supporting information used in exhibits.

**3. Whose Exhibit?:** The exhibitor's name, county, and age must be on the back or bottom of all displays.

**4. 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 wildlife laws.

**5. Project Materials:** Related project booklets include Exploring Your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 59381), Fishing for Adventure Project Manuals, Wildlife Conservation (4-H 125), Geology, and Outdoor Adventure. Other resources include: Outdoor Skills: Learning Science in the Outdoors series (Science Signature Outcome Program) [outdoornebraska.gov/afterschool/](http://outdoornebraska.gov/afterschool/) and [www.whep.org](http://www.whep.org).

**6. Board and Poster Exhibits:** Mount all board exhibits on ¼" 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 by 28 inches) but half size, 22 by 14 inches, is recommended.

### Example to attach to your exhibit

**Name:** Chris Clover

**County:** Clover County

**Age:** 10

#### Field Experience, Study, or Observations:

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

#### Credits/Source:

Information was obtained from Nebraska Game & Parks website

## DIVISION 340 - WILDLIFE AND HOW THEY LIVE

Premium 3

### D-340-001 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 wildlife during one season or through the year; wildlife behavior and habitats.

### D-340-002 BIRD 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 wildlife during one season or through the year; wildlife behavior and habitats.

### D-340-003 FISH DISPLAY(SF155)

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.

### D-340-004 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.

### D-340-005 WILDLIFE CONNECTIONS(SF157)

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

### D-340-006 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.

### D-340-007 WILDLIFE KNOWLEDGE CHECK(SF159)

Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife related knowledge. Plan size and shape to fit transportation and display maximum size 24" x 24".

### D-340-008 WILDLIFE DIORAMA(SF160)

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

### D-340-009 WILDLIFE ESSAY(SF161)

Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values of wildlife. You might write about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about ethics, proper behavior in the outdoors, hunting, or fishing. The essay is between 100 and 1000 words long and typed, double spaced on 8 ½ x 11 paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.

### D-340-010 WILDLIFE VALUES SCRAPBOOK(SF162)

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

### D-340-011 WILDLIFE ARTS(SF163)

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

## **DIVISION 341 – OUTDOOR ADVENTURES – LEVEL 2**

Premium 3

- D-341-001 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.
- D-341-002 JOURNAL/BINDER (SF281)**  
Written report of virtual, or actual camping/hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16” X 16”.
- D-341-003 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 plants guide, camping first aid kit, weather/water safety or hand hygiene kit. Exhibits measure no larger than 18” X 24”.
- D-341-004 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 inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.
- D-341-005 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. Exhibits measure no larger than 18” X 24”.

## **OUTDOOR ADVENTURES – LEVEL 3**

- D-341-006 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 purchase or using GPS/compass.
- D-341-007 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”.
- D-341-008 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”
- D-341-009 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 inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.
- D-341-010 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 re-sealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18” X 24”

## **DIVISION 342 - WILDLIFE HABITAT**

Premium 3

- D-342-001 HOUSES(SF165)**  
Make a house for wildlife. Examples: birdhouse (wren, 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 kind of animal(s) for which the house is intended, 2) where and how the house shouldbe located for best use, and 3) any seasonal maintenance needed. Tips: check Neb Guideon bird houses and shelves.



**D-342-002 FEEDERS/ WATERERS(SF166)**

Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay: no insect feeders. Indicate the kind of animal(s) for which the feeder or waterer is intended. Make the feeder or waterer functional so that it fits wildlife needs. Include the following information 1) where and how the feeder or waterer should be located for best use, 2) how it should be maintained. Tips: check Neb Guide on feeding birds.

**D-342-003 WILDLIFE HABITAT DESIGN BOARD OR POSTER EXHIBIT(SF167)**

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

**DIVISION 343 – HARVESTING EQUIPMENT**

Premium 3

**D-343-001 FISH HARVESTING EQUIPMENT(SF168)**

Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: 1) the purpose of each item, 2) when or where it is used and 3) any personal experiences you've had with the item(s).

**D-343-002 BUILD A FISHING ROD(SF169)**

Rod building kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches in length. Exhibit must be mounted on a board. Include with the exhibit: Explanation of cost of materials/components, where materials/components were purchased, and how many number of hours required for construction. Label all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labeling of parts, information, and neatness.

**D-343-003 CASTING TARGET(SF170)**

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

**D-343-004 WILDLIFE HARVESTING EQUIPMENT BOARD EXHIBIT(SF171)**

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

**D-343-005 INVENTING WILDLIFE/FISH HARVESTING EQUIPMENT, AID OR ACCESSORY(SF168)**

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

**DIVISION 346 - TAXIDERMY**

Premium 3

**D-346-001 TAXIDERMY(SF172)**

Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information: - the animal's name, information about the exhibitor's personal field experience, study or observations that relate to the exhibit.

**D-346-002 TANNED HIDES (SF172)**

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

**DIVISION 347- 4-H SHOOTING SPORTS**

4-H Shooting Sports requires youth to be under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle, bb gun, archery, pistol, black powder/muzzleloader, and/or hunting skills.

No firearms can be entered as an exhibit, nor live ammunition; however, information can be shared through pictures.

**D-347-001 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.

**D-347-002 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.

**D-347-003 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 of 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

**D-347-004 SCIENCE, ENGINEERING, TECHNOLOGY ADVANCEMENTS OF SHOOTING SPORTS 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 8½" x 11" paper.

**D-347-005 HEALTHY LIFESTYLES PLAN(SF257)**

Include a shooter's diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H member would follow the plan and include some journal entries about adaptations or improvements made while following the plan.

**D-347-006 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. Examples could be range development, conservation planting to attract wildlife, a camp, 4-H recruitment event. Include who benefited from the project, what the 4-H member's role was, and any results.

**D-347-007 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 1000 words and should be on 8½" x 11" paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers.

**D-347-008 COMMUNITY VITALITY DISPLAY(SF251)**

Explore the difference shooting sports 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.

**D-347-009 AG LITERACY-VALUE ADDED AGRICULTURE INTERVIEW OR RESEARCH PROJECT(SF250)**

Explore how traditional ag producers are adding value to their production agriculture

**DIVISION 361 - OTHER NATURAL RESOURCES**

Premium 3

**D-361-001 DESIGN YOUR OWN EXHIBIT IN NATURAL RESOURCES, CONSERVATION, GEOLOGY, ECOLOGY(SF164) OR**

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.

## DEPARTMENT H ENTOMOLOGY

### DIVISION 800 - ENTOMOLOGY

#### Premium 3

Specimens in display collections should be mounted properly and labeled with the location, date of collection, name of collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology Manual. Boxes are preferred to be 12" high x 18" wide, and landscape orientation, so they fit in display racks. Purchase of commercially made boxes is allowed. All specimens must be pinned and labeled by the exhibitor. No purchased specimens allowed.

#### **H-800-001 ENTOMOLOGY DISPLAY - FIRST YEAR PROJECT(SF186)**

Collection to consist of a collection of 25 or more different kinds (species) of insects representing at least 6 orders. Limit one box.

#### **H-800-002 ENTOMOLOGY DISPLAY – SECOND YEAR PROJECT(SF186)**

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

#### **H-800-003 ENTOMOLOGY DISPLAY - THIRD YEAR OR MORE PROJECT(SF186)**

Collection to consist of minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of previous year. Limit 3 boxes.

#### **H-800-004 SPECIAL INTEREST OR ADVANCED INSECT DISPLAY(SF187)**

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

#### **H-800-005 INSECT HABITATS(SF186)**

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

#### **H-800-006 MACROPHOTOGRAPHY(SF189)**

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

#### **H-800-007 INSECT POSTER/DISPLAY EXHIBITS(SF190)**

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 (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.

#### **H-800-008 REPORTS OR JOURNALS(SF191)**

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 span of time, with personal impressions. It may cover watching changes in kinds of butterflies over the summer, rearing a specific insect from egg to adult, managing a beehive, observations of insects in a specific habitat, accounts of insect behavior in a forest or flower garden, etc.

#### **H-800-972 OTHER ENTOMOLOGY EXHIBIT (COUNTY ONLY)**

Any other entomology project not listed.

## **SPECIAL ENTOMOLOGY PROJECT**

### **H-810-001 – 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, 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 include a certain species or broad overview of the family or group of insects.

### **H-810-002 – 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 H AEROSPACE

### DIVISION 850 - AEROSPACE

#### Premium 3

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. 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.
- 3 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.
4. Rockets must be equipped as prepared for launching, with wadding and parachute or other recovery system. Rockets entered with live engines, wrong base size or sideboards will be disqualified.
5. A report, protected in a clear plastic cover, must include: 1) rocket specification (include original or photo of manufacture packaging stating rocket skill level), 2) a flight record for each launching (weather, distance, flight height), 3) number of launchings, 4) flight pictures 5) Safety (how did you choose your launch site? Document safe launch, preparations, and precautions) 6 objectives learned and 7) conclusions.
6. The flight record should describe engine used, what the rocket did in flight and recovery success. Points will not be deducted for launching, flight or recovery failures described. This includes any damage that may show on the rocket. Complete factory assembled rockets will not be accepted at the State Fair.
7. Judging is based upon display appearance, rocket appearance, workmanship, design or capabilities for flight, number of times launched and report. Three launches are required to earn the maximum launch points given on the score sheets. For scoring for the State Fair, only actual launches count, misfires will not count towards one of the required three launches.
  - For self-designed rockets only, please include 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.
8. **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.**
9. Posters can be any size up to 28" by 22" when ready for display. Example: tri fold poster boards are not 28" by 22" when fully open for display.

#### **H-850-001 ROCKET(SF92)**

Any Skill Level Rocket with **wooden fins and cardboard body tubes** painted by hand or air brush.

#### **H-850-002 AEROSPACE DISPLAY(SF93)**

Poster or display board that displays or exemplifies one of the principles learned in the Lift Off Project. Examples: display of rocket parts and purpose, explains the parts of a NASA rocket or shuttle, interview of someone in the aerospace field, or kite terminology. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 28" by 22".

#### **H-850-003 ROCKET(SF92)**

Any Skill Level Rocket with **wooden fins and cardboard body tubes** painted using commercial application example commercial spray paint.

#### **H-850-004 Rocket (SF 92)**

Any self-designed rocket with wooden fins and cardboard body tubes

#### **OTHER COUNTY ONLY ROCKETS**

**H-850-974 ROCKET:** Any skill level rocket with plastic fins

**H-850-975 ROCKET:** Any skill level rocket with wooden fins.

#### **H-850-976 ROCKET FLOP COUNTY ONLY**

Any rocket project that failed. Must be accompanied by a written or typed summary explaining what you planned, why you think the flop occurred and how you would keep it from happening again.

## DRONES

### H-850-005 DRONE POSTER

Exhibit must be designed to educate yourself and others on one or more of the following topics: drone technologies, uses of drones, the different types of drones, types of training needed to operate drones, and the laws and regulations users must follow. Posters can be any size up to 28" x 22".

### H-850-006 DRONE VIDEO

Exhibit must demonstrate how the drone interacts with the outside world. Examples: field scouting, surveying damage from natural disasters, drones used in commercial applications and settings, and drones used for structural engineering. Videos should not exceed 2 minutes. Videos should be submitted to <http://go.unl.edu/2023nesfset> by August 15, 2023, or 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 appropriate permissions.

## KITES- County Only

### H-850-971 DIAMOND OR FLAT TWO-STICK KITE

May be any size. Must be constructed by 4-H'er. No kits may be used. Include construction information and flying experiences.

### H-850-972 BASIC BOWED TWO - STICK KITE

May be any size. Must be constructed by 4-H'er. No kits may be used. Include construction information and flying experiences.

### H-850-973 BASIC BOX KITE

May be any size. Must be constructed by 4-H'er. No kits may be used. Include construction information and flying experiences.

## DEPARTMENT H COMPUTER

### DIVISION 860 - COMPUTER

#### Premium 3

This category gives 4-H'ers a chance to display their knowledge of computers. Through participation in this category 4-H'ers will develop presentations that show judges their knowledge in the different aspects of computer science. Involvement in SET Computers gives participants a first-hand experience in modern technology. For help getting started with this project contact your county 4-H extension office.

#### Rules

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Demonstration boards should include an overall title for the display, plus other necessary labeling.
3. Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned.) All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.
4. Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations. Results: What you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.
5. Please refer to the General Rules for the policy regarding firearms, items with a blade, and other related items.
6. Please refer to the General Rules for the policy regarding use of copywritten images.
7. Premier 4-H Science Award is available in this area.
8. **Team Entries:** 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.

### COMPUTER MYSTERIES - UNIT 2

#### H-860-001 COMPUTER APPLICATION NOTEBOOK(SF277)

4-H exhibitor should use computer application to create a graphic notebook utilizing computer technology. 4-H'er may create any of the following: greeting card (5 different cards such as a birthday, wedding, anniversary, sympathy get well or other); a business card (3 cards for 3 different individuals and businesses); menu (minimum of 2 pages including short description of foods and pricing); book layout (I-book); promotional flyer (3 flyers promoting 3 different events); newsletter (minimum 2 pages); or other: examples such as precision farming or family business logo etc. This exhibit

consists of a notebook (8.5x11 inches) which should include a (1) a detailed report describing: (a) the task to be completed, (b) the computer application software required to complete the task, (c) specific features of the computer application software necessary for completing the task (2) print out of your project. Project may be in color or black and white.

**H-860-002 PRODUCE A COMPUTER SLIDE SHOWPRESENTATION(SF276)**

Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. Entries should be submitted

**COMPUTER MYSTERIES - UNIT 3**

**H-860-003 PRODUCE AN AUDIO/VIDEO COMPUTER PRESENTATION(SF276)**

Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. All presentations for state fair should be emailed to Amy Timmerman [atimmerman2@unl.edu](mailto:atimmerman2@unl.edu) before August 15. OR the presentation can also be uploaded to a video streaming application and exhibitors must provide a hard copy QR code for viewing. The presentation must be able to be played and viewed on a PC using Windows Media Player, Real Player, iTunes or QuickTime Player. A notebook with a printout of all the slides should be submitted. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip.

**H-860-004 HOW TO STEM (SCIENCE, TECHNOLOGY, ENGINEERING, ANDMATH) PRESENTATION(SF276)**

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 or may be uploaded to a video streaming application and exhibitors can provide a hard copy QR code for public viewing. Any of the following formats will be accepted: .mpeg, .rm, .wmv, .mp4, .ov, .ppt, or .avi.

**H-860-005 CREATE A WEB SITE/BLOG or APP(SF275)**

Design a simple Web site/blog or app for providing information about a topic related to youth using either software programs such as an HTML editor like Microsoft’s FrontPage or Macromedia’s Dreamweaver, and image editor like IrfanView or GIMP OR online using a WIKI such as Google Sites. If the Website, Blog, or App is not live include all files comprising the Web site, Blog, or App on should be submitted on a flash drive in a plastic case along with the explanation of why the site was created, or may be shared through a hard copy share link or QR code for viewing.If developed using a WIKI or other online tool include a link to the website in the explanationof why the site was created.

**H-860-006 3D PRINTING(SF1050)**

3D printing uses plastic or other materials to build a three-dimensional (3D) object from a digital design (including 3D Pen Creation). Youth may use original designs or someone else’s they have redesigned in a unique way. Exhibits will be judged based on the motivation and/or problem identified. For example, 3D objects printed as part of the design process for robot or other engineering project. Must include design notebook that addresses the following questions:

1. What was the motivation for your design or the problem you were solving with your design? ie. is your item a functional or decorative piece?
2. Please include a picture of original design, citation of designer/website OR if design is completely original (you created it using CAD software), then state that it’s original. If item was not completely original, indicate what you did to the original design to modify it to better meet the design problem stated in #1 above. Its design was modified multiple times, please indicate what change was made with each modification, and what prompted the need for the change. I.e. I printed it and the design was too fragile, so I resliced the print to make thicker external walls, or to have a denser infill.
3. Define your process for designing/printing. What software and/or hardware was used (indicate type of 3D printer or if item was created with 3D pen)?
4. What materials were selected for your project?
5. If your final design has any moving parts, define how you determined appropriate allowance in your design.
6. Identify any changes that you would make to improve your design.

**H-860-007 MAKER SPACE/DIGITAL FABRICATION(SF1051)**

This project is a computer generated projected created using a laser cutter, vinyl cutter, heat press or CNC router. Vector or 3D based software such as CorelDraw 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:

- What motivated you to create this project.
- Software and equipment used.
- Directions on how to create the project.
- Prototype of plans
- Cost of creating project.
- Iterations or modifications made to original plans.
- Changes you would make if you remadethe project.



**Team Entry Option:** To qualify for entry at the Nebraska State Fair team materials entered in H-860-007 – 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.

## **H-860-978 OTHER COMPUTER EXHIBIT COUNTY ONLY**

### **DIVISION 861 - ROBOTICS**

#### **Premium 3**

This category involves the many different aspects of Robotics. Participants will learn more about how robots are designed and developed as well as the mechanical and electronic elements of robots. Involvements in SET Robotics gives participants a first-hand experience in modern technology. For more resources and materials in this category refer to the resource section at the bottom of the page.

#### **Rules**

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. 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.
3. Posters can be any size up to 28" by 22" when ready for display. Example: tri fold poster boards are not 28" by 22" when fully open for display.

#### **H-861-001 ROBOT POSTER(SF236)**

Create a poster (28" x 22") communicating a robotics theme such as a "Robot or Not", "Pseudocode", "Real World Robots", "Careers in Robots", "Autonomous Robotics", "Precision Agriculture" or a robotic topic of interest to the 4-H'er.

#### **H-861-002 ROBOTICS NOTEBOOK(SF237)**

Explore a robotics topic in-depth and present your findings in a notebook. Documentations 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.

#### **H-861-003 ROBOTICS VIDEO (SF238)**

This class should be displayed in a notebook. The notebook should include a video clip on a flash drive 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.

#### **H-861-004 ROBOTICS CAREER INTERVIEW(SF239)**

Interview someone who is working in the field of robotics and research the career in robotics. Interviews can be either written or in a multimedia format (flash drive). Written interviews should be in a notebook. Written reports should be 3-5 pages, double spaced, 12-point font, and 1" margins. Multi-media reports should be 3 to 5 minutes in length.

#### **H-861-005 ROBOTICS SENSOR NOTEBOOK(SF241)**

Write pseudo code which includes at least three sensor activities. Include the code written and explain the code function.

#### **H-861-006 KIT LABELED ROBOT(cannot be programmed) & 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.

#### **H-861-007 3D PRINTED ROBOTICS PARTS(SF244)**

This class is intended for youth to create parts through 3D printing, that help create their robot or aid the robot in completing a coded function. Project should include notebook describing the process used to create the project, describe the success of your designed piece (did it work), intended use of the product and the modifications made to the item.



## DEPARTMENT H ELECTRICITY

### DIVISION 870 - ELECTRICITY

Premium 3

#### ELECTRICITY - WIRED FOR POWER - UNIT 3

##### H-870-001 ELECTRICAL TOOL/SUPPLY KIT(SF224)

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.

##### H-870-002 LIGHTING COMPARISON(SF225)

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

##### H-870-003 ELECTRICAL DISPLAY/ITEM(SF226)

Show an application of one of the concepts learned in the Wired For Power project. Examples: 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.

##### H-870-004 POSTER(SF227)

Poster should exemplify one of the lessons learned in the Wired for Power project. Poster can be any size up to 28" x 22".

##### H-870-971 OTHER UNIT 3 ELECTRICAL EXHIBIT – COUNTY ONLY

#### ELECTRONICS - UNIT 4

##### H-870-005 ELECTRICAL/ELECTRONIC PARTS IDENTIFICATION(SF228)

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.

##### H-870-006 ELECTRONIC DISPLAY(SF229)

Show an application of one of the concepts learned in the Electronics project. Examples: components of an electrical device.

##### H-870-007 ELECTRONIC PROJECT(SF230)

Exhibit an electronic item designed by the 4-Her or form a manufactured kit that shows the electronic expertise of the 4-Her. Examples include: a radio, a computer, or a voltmeter.

##### H-870-008 POSTER(SF231)

Poster should exemplify one of the lessons learned in the Entering Electronics project. Poster can be any size up to 28" x 22".

##### H-870-972 OTHER UNIT 4 ELECTRICAL EXHIBIT COUNTY ONLY

Please refer to 4-H Manual Electric 1 "Magic of Electricity"

##### H-870-973 UNIT 1 MISCELLANEOUS ELECTRICAL ITEM COUNTY ONLY

Up to three items may be exhibited in this class. Please refer to 4-H Manual Electric 2 "Investigating Electricity"

##### H-870-974 UNIT 2 MISCELLANEOUS ELECTRICAL ITEM COUNTY ONLY

Up to three items may be exhibited in this class.

## DEPARTMENT H GEOSPATIAL

### DIVISION 880 - GEOSPATIAL

Premium 3

##### H-880-001 POSTER(SF299)

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.

##### H-880-002 4-H FAVORITE PLACES OR HISTORICAL SITE POSTER(SF299)

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".

- H-880-003 GPS NOTEBOOK(SF300)**  
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.
- H-880-004 GEOCACHE(SF301)**  
Assemble a themed geocache. Each geocache should be a water-tight container. It should include a logbook and pencil for finders to log their visits and may include small trinkets, geocoins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. Register at the site at [geocaching.com](http://geocaching.com), include a print-out of its registry. The entry may include a photograph of the cache in its intended hiding place.
- H-880-005 AGRICULTURE PRECISION MAPPING(SF301)**  
4-Hers will assemble a notebook that will include a minimum of 2 digital copies of various data layers that can be used in precision agriculture to identify spatial patterns and/or correlations (printed copies of websites where applications can be purchased is acceptable). A report of how the analysis of the various data will be used to make a management decision.
- H-880-006 4-H HISTORY MAP/PRESERVE 4-H HISTORY(SF303)**  
Nominate a Point of Interest for the 4-H History Map Project. Include copy of submitted form in folder or notebook. To nominate a site for the 4-H history map please go to <http://arcg.is/1bvGogV>. For more information about 4-H history go to [http://www.4-hhistorypreservation.com/History\\_Map](http://www.4-hhistorypreservation.com/History_Map). For a step by step video on nominating a point, please go to this link: <http://tinyurl.com/nominate4h>. Write a brief, minimum of one paragraph, description of historical significance of 4-H place or person.
- H-880-007 GIS THEMATIC MAP(SF302)**  
Using any GIS software, create a thematic map. Thematic maps can utilize any subject of interest to the 4-H'er. Example map would be Amelia Earhart's or Sir Francis Drake's voyage population density maps, water usage maps or 4-H project in Nebraska. Create GIS Map using data from books, and or internet. Use reliable data, (U.S. Center or U.S. Census Bureau etc.) Map any size from 8½" 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.
- H-880-008 VIRTUAL GEOCACHE (SF300)**  
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 that latitude, longitude and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional, but highly encouraged.

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

Premium 3

- H-900-001 CREATE AND COMPARE ENERGY RESOURCES POSTER (SF307)**  
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. Poster can be any size up to 28"x22".
- H-900-002 EXPERIMENT NOTEBOOK(SF305)**  
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
- H-900-003 SOLAR AS ENERGY DISPLAY/POSTER(SF308)**  
Item should be the original design of the 4-H'er. Include the item, or a picture if item is in excess of 6' tall or 2' X 2'. Include the item, or a picture if item is in excess of 6' tall or 2'x2'. Include a notebook of why the item was designed and how it harnesses the power of the sun. Examples include solar ovens, solar panels etc
- H-900-004 WATER AS ENERGY DISPLAY/POSTER(SF308)**  
Item should be the original design of the 4- Her. Include the item, or a picture if item is 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.
- H-900-005 WIND AS ENERGY DISPLAY/POSTER(SF308)**  
Item should be the original design of the 4- Her. Include the item, or a picture if item is 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.
- H-900-006 OTHER NEBRASKA ALTERNATIVE ENERGY(SF306)**  
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 H WOODWORKING

## DIVISION 911 - WOODWORKING

Premium 3

### RULES

- 1) The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
- 2) REQUIREMENTS: All articles exhibited must include a plan (with drawings or sketch or blueprints) stating dimensions and other critical instructions a builder would need to know how to build the project and 4-H'er's name and county. Plans may include narrative instructions in addition to the dimension drawings and include any alternations to the original plan. Part of the score depends on how well the project matches the plans. If the plans are modified, the changes from the original needs to be noted on the plans. All plans used for making the article must be securely attached and protected by a clear plastic cover.
- 3) 4-H'ers must in Unit 3 or Unit 4 for the exhibit to be considered for State Fair. All projects must have appropriate finish.
- 4) If the project (ie picnic tables, wishing wells, swings, chairs, bridges, doghouses, etc) is designed to be used outside, it will be displayed outside.
- 5) All outside projects must have entry tag and supporting information placed in a protective bag to prevent damage from weather events such as rain and be attached to projects with string, zip ties, etc.

### MEASURING UP - UNIT 1

#### H-911-971 WOODWORKING ARTICLE (SF91)

Item made using skills learned in the Measuring Up Project Guide. Examples: Recipe holder, stilts, or other skill level appropriate item. Items should be entered with construction plans. Up to three items may be exhibited. Include the plan as described in requirements section.

### MAKING THE CUT - UNIT 2

#### H-911-974 WOODWORKING ARTICLE (SF 91)

Item made using skills learned in the Making the Cut Project Guide. Examples: birdhouse, foot stool, napkin, or letter holder. Items should be entered with construction plans. Upto three items may be exhibited. Include the plan as described in Requirements section.

### NAILING IT TOGETHER - UNIT 3

#### H-911-001 WOODWORKING ARTICLE(SF91)

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: bookcase, coffee table, or end table. Include the plan as described in requirements section.

#### H-911-003 RECYCLED WOODWORKING DISPLAY(SF95)

Article made from recycled, reclaimed or composite wood. Article must be appropriately finish 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 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 problems? 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?)

#### H-911-004 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.

#### H-911-005 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: picnic tables, planters, outdoor furniture, etc.

**FINISHING UP - UNIT 4**

**H-911-006 WOODWORKING ARTICLE (SF91)**

Item made using skills learned in the Finishing It Up project. Examples: dovetailing, making a pen using lathe, overlays, using a router, etc. Item is required to be appropriately finished. Include the plan as described in Requirements section.

**H-911-008 RECYCLED WOODWORKING DISPLAY(SF91)**

Article made from recycled, reclaimed or composite wood. Article must be appropriately finish 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 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 problems? 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?)

# DEPARTMENT H WELDING

## DIVISION 920 - WELDING

### Premium 3

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. All welds exhibited in class 1 or 2 must be mounted on a 12" high x 15" long display board of thickness not to exceed 3/8". Attach each weld on a wire loop hinge or equivalent, so the judge can look at the bottom side of the weld when necessary. Each weld should be labeled with information stated 1) type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.) 2) kind of weld, 3) welder setting, 4) electrode/wire/rod size, and 5) electrode/wire/rod ID numbers. **Attach a wire to display board so it can be hung like a picture frame. No picture frame hangers accepted.**
3. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
4. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
5. 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.
6. If no plans are included with welding art, welding article, welding furniture or composite weld project item will be disqualified.
7. 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.

#### **H-920-001 WELDING JOINTS(SF281)**

A display of one butt, one lap and one fillet weld.

#### **H-920-002 POSITION WELDS(SF281)**

A display showing three beads welded in the vertical down, horizontal and overhead positions.

#### **H-920-003 WELDING ART(SF283)**

Any art created using tack welds to hold the metal pieces together (examples include horseshoe projects). Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish.

#### **H-920-004 WELDING ARTICLE(SF281)**

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. **Type of welder, welder settings, all plans, plan alternations, and a bill for material must be attached to the article.** Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

#### **H-920-005 WELDING FURNITURE(SF282)**

Any furniture with 75% welding is used in the construction. 60% of item must be completed by 4-Her and notes regarding laserwelding or machine welding must be included. All plans, plan alternations, dimensions and a bill for materials must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

#### **H-920-006 PLASMA CUTTER/WELDER DESIGN(SF279)**

Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4Hers will create a notebook describing the design process to create the "artwork" to butt cut into the metal.

In the notebook: a) A photo (front and back) of the finished project. b) Instructions on how the design was created, this allows for replication of the project c) Lessons learned or improvements to the project d) steps to finish the project.

#### **H-920-007 COMPOSITE WELD PROJECT(SF280)**

60% of the project must be welded and 40% made from other materials such as wood, rubber, etc. All plans, plan alternations, and a bill for materials must be attached to the article. Protect plans with a cover. If project is designed to be outside, it is required to have appropriate outdoor finish because project may be displayed outside.

#### **4-H Welding Project Tips and Suggestions for Class 1 Welding Joints (above)**

1. All welds should be made with the same electrode/wire/rod size and number.
2. Welds should be made only on one side of metal so penetration can be judged.
3. Welds should be cleaned with chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
4. It is suggested that all welds be on the same size and thickness of metal. These pieces, referred to as coupons, should be 1½" to 2" wide and 3½" to 4" long. A good way to get this size is to buy new cold rolled strap iron and cut to length. The extra width is needed to provide enough metal to absorb the heat from the welding process and prevent the coupons from becoming too hot before the bead is completed. Narrower coupons will become very hot, making an average welder setting too cold at the bead start, just right about 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.

- A. Arc (stick) welding
  - Suggested coupon thickness - ¼" if using ⅛" rod.
  - Suggested rod - AC and DC straight or reverse polarity - first E-7014, second E-6013
- B. MIG welding
  - Suggested coupon thickness - ¼" if using .035 wire and ⅛" if using .023 wire.
- C. Oxy-Acetylene
  - Suggested coupon thickness - ⅛"
  - Suggested rod - ⅛" mild steel rod

#### **4-H Welding Project Tips and Suggestions for Class 2 Position Welds**

- A. It is suggested that all welds be on the same size and thickness of metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4" x 4" or on individual coupons that are about 2" x 4" and ¼" thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014 and E-6010 for dc reverse polarity only.
- B. Welds should be cleaned with chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.

#### **4-H Welding Project Tips and Suggestions for Class 3 and 4 Welding Article**

- A. 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.

## **DEPARTMENT H OTHER GENERAL AREAS**

### **DIVISION 101 - BICYCLE SAFETY**

Premium 3

#### **H-101-971 BICYCLE DEMONSTRATION DISPLAY**

To be exhibited by an individual. Exhibit may include (1) parts or system of a bicycle (2) worn or broken parts or (3) a step-by-step procedure of how some repair or service job is performed. A limited number of photographs are acceptable. Actual parts or cut-a-ways of parts are recommended. The exhibit is to be prepared on a board or poster board. Bicycle safety posters may be entered as "Posters" or in "Health and Safety".

### **DIVISION 106 – SPORTS**

Premium 3

#### **H-106-971 SPORTS PROJECT**

Any project depicting a sport, including shooting sports. The display may encompass any topic related to sports.

#### **H-106-972 SPORTS OR SHOOTING SPORTS POSTER**

The poster may depict any topic related to Sports or Shooting Sports. The poster must follow the Posters guidelines in Department B- Posters.

### **DIVISION 107 – SMALL ENGINES**

Premium 3

#### **Unit 1 – Crank It Up**

#### **H-107-973 SMALL ENGINE DISPLAY/ITEM**

Show an application of one of the concepts learned in the Crank It Up project manual. Examples include: identify the parts of a small engine, safety rules for starting a small engine, small engine repair tool identification.

#### **Unit 2 – Warm It Up**

#### **H-107-974 SMALL ENGINE DISPLAY/ITEM**

Show an application of one of the concepts learned in the Warm It Up project manual. Examples include: comparison of engine oil types, transmissions, or safety related to engines, Exhibit could be a poster display and an actual item.

#### **Unit 3 – Tune It Up**

#### **H-107-975 SMALL ENGINE DISPLAY/ITEM**

Show an application of one of the concepts learned in the Tune It Up project manual. Examples include: diagnostic tools, fuel systems, ignition systems. If a complete engine is exhibited it will not be started. However, display needs to report process of building/rebuilding engine.

#### **H-107-976 OTHER SMALL ENGINE EXHIBIT**

### **DIVISION 108 - GENERAL AREAS FLOP**

Premium 3

#### **H-108-977 GENERAL AREAS FLOP**

One item in any class of general areas that was not a successful exhibit. Must have an accompanying card that tells what caused the problem, what would have been a correct procedure, and if there is anything that can be done to improve this project.

# Home Environment

## DEPARTMENT C HOME ENVIRONMENT

Superintendent Krystl Knabe

Individuals are allowed only one entry per class number. If more than one item per class is entered, they will be judged and displayed but no premium will be awarded.

Only exhibits receiving purple ribbons are eligible to be selected for State Fair.

SUPPORTING INFORMATION - Supporting information is required for all Home Environment exhibits.

Information must include elements or principles of design used and steps taken to complete project. Tag templates can be found at the 4-H State Fair website: <http://4h.unl.edu/fairbook#tab3> Exhibits without supporting documentation will be dropped a ribbon placing.

STATE FAIR EXHIBITS - Holiday decorations and pre-packaged kits may be exhibited at the county fair but will not be eligible for the State Fair. Kits are defined as any prepackaged item where the materials and the design are predetermined by the manufacturer. Articles that use patterns or pictures from magazines as starting points are acceptable. Sending delicate, breakable, or valuable items to State Fair is discouraged.

IDENTIFICATION - An entry tag which includes a clear description of the entry must be securely attached to the Home Environment Exhibit. Use color, pattern, or picture descriptions to aid in identification. No straight pins. In addition to the entry tag, a label with the exhibitors, name and county should be attached to each separate piece of the exhibit.

YOU BE THE TEACHER EXHIBITS - This exhibit is designed to share with others what the 4-Her learned in the project. Exhibit may be a poster, three-dimensional display, scrapbook charts, pictures, photographs, a file of ideas, research study, etc. Posters should be approximately 28" x 22". A display may not exceed a total space of 12" deep, 15" wide and 10" high.

HOME ENVIRONMENT EXHIBITS are evaluated by these criteria:

- Items must be designed to be used for home decorating, home furnishing, or home management (no clothing, purses, note cards, scrapbooks/photo albums, etc.)
- Accessories should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday specific items are discouraged. Exhibits made from kits are also discouraged as kits limit decision making in the design process.
- 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.
- Entered in correct class: What medium was changed or manipulated? What medium is a 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.
- Only purple ribbons are eligible for Champion or Reserve Champion placing.
- Items should not be ones made for beginning level or other projects (ex: simple (10 minute) table runners, or woodworking). Exhibits from the beginning level project, Design My Place, are county only and not state fair eligible.

### DIVISION 254 - DESIGN MY SPACE

Premium 3 – Limit of 5 items per 4-Her. **Not State Fair Eligible**

#### C-254-971 NEEDLEWORK ITEM

Made with yarn or floss.

#### C-254-972 SIMPLE FABRIC ACCESSORY

Pillow, laundry bag, pillowcase, table runner etc.

#### C-254-973 ACCESSORY MADE WITH ORIGINAL BATIK OR TIE-DYE

#### C-254-974 SIMPLE ACCESSORY MADE USING WOOD

#### C-254-975 SIMPLE ACCESSORY MADE USING PLASTIC

#### C-254-976 SIMPLE ACCESSORY MADE USING GLASS

#### C-254-977 SIMPLE ACCESSORY MADE USING CLAY

#### C-254-978 SIMPLE ACCESSORY MADE USING PAPER



**C-254-979 SIMPLE ACCESSORY MADE USING METAL TOOLING OR METAL PUNCH**

**C-254-980 STORAGE ITEM MADE OR RECYCLED BULLETIN OR MESSAGE BOARD**

**C-254-981 PROBLEM SOLVED**

Use a creative method to show how you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan, etc.)

**C-254-982 VIDEO SHOWING HOW TO MAKE A BED, ORGANIZE A ROOM, OR STEPS YOU USED TO MAKE YOUR SIMPLE ACCESSORY**

**DIVISION 255 - FURNISHINGS ON A SHOESTRING**

Premium 3

SUPPORTING INFORMATION - Each exhibit must include the following information on a sheet of paper not to exceed 8½" x 5½" placed with the entry tag:

1. The steps used in preparing the exhibit (indicate whether kit or original design),
2. How you will use the exhibit,
3. What skills you learned in making the exhibit, and
4. How you will use these skills in the future.
5. Include the amount of money spent to make the item and estimated savings.

**C-255-971 A LOW- COST ARTICLE**

Made or finished by the member that solved a home environment problem by using a common object or material in a creative way. Could be made from reused or recycled products.

**C-255-972 A LOW- COST PIECE OF FURNITURE**

Made or finished by the member that solved a home environment problem by using a common object or material in a creative way.

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

Premium 3

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.

SUPPORTING INFORMATION - Each exhibit must include the following information on a sheet of paper not to exceed 8½" x 5½" placed with the entry tag:

1. List of steps taken to complete your project (before and after pictures encouraged)
2. Keepsake 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.

**C-256-001 TRUNKS(SF206)**

Including doll size trunks or wardrobes

**C-256-002 AN ARTICLE - EITHER A REPURPOSED "TREASURE" (ACCESSORY) FROM AN OLD ITEM OR AN OLD "TREASURE" (ACCESSORY) REFINISHED OR RENOVATED(SF205)**

May include a display of a collection or collectibles, being careful not to destroy the value of the collection.

**C-256-003 FURNITURE(SF205)**

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

**C-256-004 CLEANED AND RESTORED HEIRLOOM ACCESSORY OR FURNITURE(SF205)**

A reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed, and simple repairs made. Item would not be refinished or repainted but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult extension publication Care and Conservation of Heirloom Textiles, G1682 for information on textiles. (Refinished items go in classes SF2 -SF3.) 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.

**DIVISION 257 - DESIGN DECISIONS**

Premium 3

Attach information to explain steps taken. Information must also include element or principle of design used.



- C-257-001 DESIGN BOARD FOR A ROOM(SF201)**  
Include: color scheme, wall treatment, floortreatment, OR floor plan for a room - Poster(22" x 28") or multimedia presentation (FLASH DRIVE). Show what you learned with before and after pictures, or diagrams, samples, story, cost comparisons, optional arrangements, etc.
- C-257-002 PROBLEM SOLVED, ENERGY SAVERS,OR CAREER EXPLORATION(SF201)**  
Identify a problem (such as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) OR explore a career related to home environment. (What would it be, what education is needed, what would you do etc.)Using poster, notebook, multimedia presentation (FLASHDRIVE), or other method, describe the problem and how it was solved OR your career exploration. (pgs. 74-93)
- C-257-003 SOLAR WIND, OR OTHER ENERGYALTERNATIVES FOR THE HOME(SF201)**  
Can be models, either an original creation or an adaptation of kit. If kit, label and explain what was learned and how the item could be used in or on the exterior of a home. (pgs. 74-93)
- C-257-004 TECHNOLOGY IN DESIGN(SF200)**  
Incorporate technology into a project related to home environment; for example, using conductive thread to create a circuit thatenhances a wall hanging.
- C-257-006 WINDOW COVERING(SF200)**  
May include curtains, draperies, shades,shutters, etc.
- C-257-007 FLOOR COVERING(SF200)**  
May be woven, braided, painted floor cloth,etc.
- C-257-008 BEDCOVER(SF200)**  
May include quilt, comforter, bedspread, dustruffle, canopy, etc. For quilts, please state who did the quilting. (No tied fleece blanketsin this class). (pgs. 50-53)
- C-257-009 ACCESSORY ORGINAL NEEDLEWORK/STITCHERY(SF200)**
- C-257-010 ACCESSORY TEXTILE - 2D(SF200)**  
Tablecloth or runner, dresser scarf, wall hanging, etc. (No tied fleece blankets or beginning/10- minute table runners in thisclass.)
- C-257-011 ACCESSORY TEXTILE - 3D(SF200)**  
Pillows, pillow shams, fabric bowls, etc.
- C-257-012 ACCESSORY - 2D(SF200)**
- C-257-013 ACCESSORY - 3D(SF200)**  
String art, wreaths, etc.
- C-257-014 ACCESSORY – ORIGINAL FLORAL DESIGN(SF200)**

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

Treatment to exhibit must go through a process that permanently alters the medium. Painting alone is not sufficient.

- C-257-015 ACCESSORY - ORIGINAL MADE FROM WOOD(SF200)**  
Burn, cut, shape or otherwise manipulate.
- C-257-016 ACCESSORY - ORIGINAL MADE FROM GLASS(SF200)**  
Etch, mosaic, stain, molten, or otherwise manipulate.
- C-257-017 ACCESSORY - ORIGINAL MADE FROM METAL(SF200)**  
Cut, shape, punch, sculpt, reassemble, or otherwise manipulate.
- C-257-018 ACCESSORY - ORIGINAL MADE FROM CERAMIC OR TILE(SF200)**  
Treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.
- C-257-019 ACCESSORY- RECYCLED/UPCYCLEDITEM FOR THE HOME(SF207)**  
Reuse a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attachedinformation.
- C-257-020 FURNITURE – RECYCLED/REMADE(SF207)**  
Made or finished by using a common objector material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
- C-257-021 FURNITURE - WOOD OPAQUE FINISH(SF203)**  
Includes paint or enamel.
- C-257-022 FURNITURE - WOOD CLEAR FINISH(SF203)**  
Showing wood grain.
- C-257-023 FURNITURE – FABRIC COVERED(SF200)**  
May include stool, chair seat, slipcovers,headboard, etc.
- C-257-024 FURNITURE - OUTDOOR LIVING(SF200)**  
Furniture made/refurbished suitable for outdoor use. Include description of what was done to recycle or reuse item in your attachedinformation.
- C-257-025 ACCESSORY - OUTDOOR LIVING(SF200)**

Accessory made/refurbished by 4-H member suitable for outdoor use. Include description of what was done to recycle or reuse item in your attached information.

## **DIVISION 229 - QUILT QUEST**

### **Premium 3**

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 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 ½" wide fabric laying on top of one another and rolled up to look like a jelly roll. The fabric is created by one designer or fabric line and compliments each other. In many cases, less skilled 4-Hers find it difficult to cut narrow strips with a rotary cutter and ruler, so this fabric selection may make it easier as they learn.
- Honey Buns are made like the Jelly Rolls with 1 ½" strips of fabrics.
- Layer Cakes are 10" squares of fabric from a manufactured designer or fabric line with different pieces of fabric "layered" on top of one another to look like a piece of cake.
- Charm Packs are made of 5" squares of coordinating fabric and may be tied up with a string or scrap of fabric.
- Candies are 2 ½" squares of fabric from a manufacture designer or fabric line.
- Turnover is a collection of coordinating fabrics that are cut into 6" triangles.
- Fat Quarters are ½ yard cuts of fabric which are cut in half to make a rectangle that is approximately 18" x 21". (One half yard of fabric yields 2 fat quarters) The "fat quarter" can be more economical to purchase for a smaller quilt because the purchaser does not have to buy the entire yardage width.
- Fabric Kit is a collection of fabrics cut in large pieces to accommodate the requirements of a particular quilt pattern. The 4-Her must cut out all the smaller squares, rectangles, etc. to make the quilt top according to the pattern directions. After fabric selection, youth can use a variety tools for cutting the fabric and completing the quilt. Cutting into pattern pieces may include hand roller die cutting machines that cut particular -shapes which can be applied to fabric. This is allowed in the construction of the quilt.
- A quilted exhibit is made up of at least 3 layers. Exhibits must be quilted or tied through all layers.
- Fleece blankets are not eligible in this division.
- Quilts must have a permanent label on the back in the bottom right corner with quilter's name and date of completion.

### **C-229-010 EXPLORING QUILTS(SF208C)**

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

### **C-229-020 QUILT DESIGNS OTHER THAN FABRIC(SF208B)**

Two or three dimensional item with quilt design made using medium other than fabric, such as wooden quilt block, stained glass, paper, etc.

### **C-229-021 BARN QUILTS(SF208B)**

Barn Quilt created that is less than 4' x 4'. A barn quilt is a large piece of wood that is painted to look like a quilt block.

### **C-229-022 BARN QUILTS(SF208B)**

Barn Quilt created that is 4' x 4' or larger. A barn quilt is a large piece of wood that is painted to look like a quilt block.

### **C-229-030 COMPUTER EXPLORATION(SF208C)**

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 exhibit.

### **C-229-040 WEARABLE ART(SF208A)**

Quilted clothing or clothing accessory which must have a recognizable amount of quilting and may include fabric manipulation.

Quilting must be done by 4-H member. On a sheet of paper not to exceed 8½" x 5½", tell how you selected the design and fabrics including whether you used a kit, jelly roll, charm squares, etc.

**C-229-041 INTER-GENERATIONAL QUILT(SF208E)**

A quilt made by a 4-H member and family members or friends of different generations. On a sheet of paper not to exceed 8½" x 5½", include an explanation answering the following questions:

1. How was the quilt planned and who did what in the construction of the quilt?
2. How did you select the design and fabrics including whether you used a kit, jelly roll, charm squares, etc.?
3. What did you learn that you can use on your next project?

**C-229-042 SERVICE PROJECT QUILT(SF208D)**

A quilt constructed by a 4-H member or group to be donated to a worthy cause. On a sheet of paper not to exceed 8½" x 5½", include an explanation answering the following questions:

4. Why was the quilt constructed and who will receive the donated quilt?
5. How did you select the design and fabrics including whether you used a kit, jelly roll, charm squares, etc.?
6. What did you do and what was done by others?
7. What did you learn that you can use on your next project?

Guidelines for classes 50 – 83 Quilted Exhibits:

- Please note the description of classes. They denote degree of difficulty in construction and not the number of years in the project.
- A quilted exhibit consists of three 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 sheet of paper not to exceed 8½" x 5½", include an explanation answering the following questions:
  1. How did you select the design and fabrics including whether you used a kit, jelly roll, charm squares, etc.?
  2. What did you do and what was done by others?
  3. What did you learn you can use on your next project?
- SIZES OF QUILT EXHIBITS
  1. 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.
  2. Medium: length + width = 61" to 120"
  3. Large: length + width = over 120"

**QUILTED EXHIBIT:**

CLASSES 50 - 52 (SF208A)

Pieced quilts made up of squares and/or rectangles.

**C-229-050 SMALL**

**C-229-051 MEDIUM**

**C-229-052 LARGE**

**QUILTED EXHIBIT:**

CLASSES 60 - 62 (SF208A)

In addition to squares and/or rectangles, quilts may have triangles, and/or may be embroidered.

**C-229-060 SMALL**

**C-229-061 MEDIUM**

**C-229-062 LARGE**

**QUILTED EXHIBIT:**

CLASSES 70 – 72 (SF208A)

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

**C-229-070 SMALL**

**C-229-071 MEDIUM**

**C-229-072 LARGE**

## **PREMIER QUILT:**

CLASSES 80-83 (SF208A)

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

**C-229-080 Hand quilted**

**C-229-081 Sewing machine quilted**

**C-229-082 Long arm quilted—non-computerized/hand guided**

**C-229-083 Long arm quilted—computerized**

## **COUNTY ONLY QUILTS**

### **C-229-980 MY FIRST QUILT**

4-Her may enter their first quilt in this class, any size.

### **C-229-981 HAND QUILTING**

Small project on plain fabric, finished into a usable item, hand quilted by the 4-Her.

Templates may be used for the quilt design, or they may be hand drawn or traced from other sources. May make into a pillow, wall hanging or other finished item.

### **C-229-982 ONE BLOCK FINISHED PROJECT**

Any size fabric block made and finished, with a border, into a table mat or other small item.

### **C-229-983 ONE BLOCK PROJECT**

Any size pieced fabric block not finished with borders, backing, or quilting.

### **C-229-984 PHOTOGRAPHY - PHOTOGRAPHS OF QUILT OR QUILTS**

May be part of a history of one quilt, showing the quilt and quilt maker, or may be a series of photographs taken at a quilt show or event.

Captions are encouraged. Mount on poster board, black preferred, in size appropriate for the photos and exhibit.

### **C-229-985 COMMUNITY SERVICE**

Photographs of 4-Hers and the quilt or quilts they made as a community service project. Indicate where or to whom the quilt or quilts were given.

### **C-229-986 COMMUNITY SERVICE QUILTS OF VALOR ONE BLOCK PROJECT**

Pieced 12" fabric block made in reds, blues, tans, or whites. Do not finish with borders, backing, or quilting.

Blocks will be judged and displayed in a special section at the fair and all will be finished into a quilt(s) after the fair by 4-H Volunteers for distribution to our War Wounded.

# **VISUAL ARTS**

The purpose of the Visual Arts projects is to learn design principles and develop design techniques. In addition, youth should work to communicate a personal voice, with intention, through their work. Be sure to take note of the rules section to develop a successful project. By completing supporting documentation, youth will examine their choices and demonstrate an understanding of the elements of art and principles of design.

## **Rules**

1. **Original Work** - Items must be the original work of the 4-H member and should show creativity and originality. No copy righted images or master studies.
2. **Display** - All 2-dimensional pieces must be ready to hang using a sawtooth or wire hanger. Stretched canvases do not need frames as long as staples are not visible on the edges. All other 2-dimensional pieces must be framed.
3. **Entries per Exhibitor:** 4-H members may enter up one exhibit per class.
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 reflection questions and steps taken to complete the project. Supporting Information tag templates can be found at <https://go.unl.edu/ne4hvisualarts>. Exhibits without supporting information will be dropped a ribbon placing. Supporting information must be securely attached to the back of the pieces.

## **DIVISION 260 – SKETCHBOOKCROSSROADS**

Premium 3

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

### **C-260-001 ORIGINAL PENCIL OR CHALK DRAWING (SF200)**

Framed ready to hang. Scratch art accepted in this class. (Sketchbook Crossroads pgs. 10 - 21)

### **C-260-002 ORIGINAL INK DRAWING (SF200)**

Based on techniques. Must be ready to hang. (pgs. 22- 28)

### **C-260-003 ORIGINAL FIBER ART (SF200) (Sketchbook Crossroads pg. 29)**

### **C-260-004 ORIGINAL FELTED WOOL ART (SF200) (Sketchbook Crossroads pgs. 29-33)**

### **C-260-005 ORIGINAL COTTON LINTER ART (SF200) (Sketchbook Crossroads pgs. 34-36)**

### **C-260-006 ORIGINAL BATIK ART (SF200) (Sketchbook Crossroads pgs. 37-39)**

### **C-260-007 ORIGINAL WEAVED ART (SF200) (Sketchbook Crossroads pgs. 40-47)**

### **C-260-008 ORIGINAL DYED FABRIC ART (SF200) (Sketchbook Crossroads pgs. 48-50)**

### **C-260-009 ORIGINAL SCULPTURE OR POTTERY (SF200) (Sketchbook Crossroads pgs. 53-63)**

### **C-260-010 NEBRASKA LIFE EXHIBIT (SF200)**

An art exhibit using one of the techniques in the above classes to show how art can define a sense of place, or life in Nebraska. For example - a pencil or ink drawing depicting life in Nebraska, using natural resources such as native grasses to make a weaving, using natural fibers for felting, or using roots, nuts, plants or flowers to dye fabric. Include the required information listed above and how this project represents life in Nebraska.

## **DIVISION 261 - PORTFOLIO PATHWAYS**

Premium 3

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

### **C-261-001 ORIGINAL ACRYLIC PAINTING (SF200)**

Must be framed and ready to hang. (pgs. 12 - 13)

### **C-261-002 ORIGINAL OIL PAINTING (SF200)**

Must be framed and ready to hang. (pgs. 26 - 33)

### **C-261-003 ORIGINAL WATERCOLOR PAINTING (SF200)**

Must be framed and ready to hang. (pgs. 14 - 17)

### **C-261-004 ORIGINAL SAND PAINTING (SF200)**

Must be framed and ready to hang. (pgs. 20-21)

### **C-261-005 ORIGINAL ENCAUSTIC PAINTING (SF200)**

Must be framed and ready to hang. (pgs. 34 - 35)

### **C-261-006 ORIGINAL PRINT (SF200)**

Must be framed and ready to hang (pgs. 36-56)

### **C-261-007 ORIGINAL MIXED MEDIA ART (SF 200)**

### **C-261-008 NEBRASKA LIFE EXHIBIT (SF200)**

An art exhibit using one of the techniques in the above classes to show how art can define a sense of place or life in Nebraska. For example – solar printing; making prints using shed snakeskin or plant; an acrylic, oil; watercolor painting of scenes of your community or the surrounding area; or using objects from nature to make the painting. Include the required information listed above and how this project represents Nebraska life.

# Miscellaneous

## MISCELLANEOUS

Superintendent Brandi Lambert

One entry per class unless otherwise specified. If more than one item per class is entered, they will be judged and displayed but no premium will be awarded. All exhibits must have a personal data tag that includes:

1. Exhibitor's name
2. Exhibitor's address
3. Exhibitor's age
4. County
5. Years in project
6. Supporting information

Attach tag securely to the back or bottom of the article. **Legos and similar building sets will not be accepted in the 4-H division.** Please enter in open class in the Expo Building. Only exhibits receiving purple ribbons are eligible to be selected for State Fair.

### DEPARTMENT A HERITAGE

Exhibits entered at own risk. We will not be responsible for loss or damage to family heirloom items or any items in this department. Displays should not be larger than 22" x 28" wide. Use the current entry form. Display collections securely in an attractive manner no larger than 22" x 28". Pictures and other hanging items must have a wire hanger for display purposes. Display collections securely in an attractive container no larger than 22" x 28". Exhibits must include name, county, and years in the Heritage project on back of exhibit. All entries must have documentation included.

#### DIVISION 100 - LEVEL 0

Premium 3

##### A-100-971 BEGINNING HERITAGE PROJECT

County-only project

#### DIVISION 101 - LEVEL I: BEGINNING

Premium 3

##### A-101-001 HERITAGE POSTER (14" x 22") OR FLAT EXHIBIT (SF71)

Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.

##### A-101-002 FAMILY GENEALOGY/HISTORY NOTEBOOK (SF71)

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 to State Fair.

##### A-101-003 LOCAL HISTORY, SCRAPBOOK/NOTEBOOK (SF71)

Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.

##### A-101-004 FRAMED FAMILY GROUPINGS (or individuals) (SF71)

Pictures showing family history. Pictures must be supported by a written explanation.

##### A-101-005 OTHER EXHIBITS DEPICTING THE HERITAGE OF THE MEMBER'S FAMILY OR COMMUNITY (SF71)

Exhibit must be supported by a written explanation. May include: biographical album of themselves or another family member, family cookbooks, etc.

##### A-101-006 4-H HISTORY SCRAPBOOK (SF71)

Scrapbook relating 4-H history of local club or county. Must be work of individual 4-Her, no club project. If multiple books included in exhibit, only bring book with most current year's work to State Fair.

##### A-101-007 4-H HISTORY POSTER (SF71)

Poster relating 4-H history of local club or county or individual.

##### A-101-008 STORY OR ILLUSTRATION ABOUT A HISTORICAL EVENT (SF71)

##### A-101-009 BOOK REVIEW ABOUT LOCAL, NEBRASKA, OR REGIONAL HISTORY (SF71)

##### A-101-010 OTHER HISTORICAL EXHIBITS (SF71)

Attach an explanation of historical importance.

##### A-101-011 FAMILY TRADITIONS BOOK (SF71)

Exhibitor scrapbook depicting family traditions of the past.

##### A-101-012 FAMILY TRADITIONS EXHIBIT STORY OR ILLUSTRATION (SF71)

Depicting a family tradition or event. Exhibit must be supported by a written explanation.

- A-101-013 4-H CLUB/COUNTY SCRAPBOOK(SF71)**  
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 to State Fair.
- A-101-014 4-H MEMBER SCRAPBOOK(SF71)**  
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 to State Fair.
- A-101-015 SPECIAL EVENTS SCRAPBOOK(SF71)**  
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.

**DIVISION 102 - LEVEL II:ADVANCED**

Premium 3

- A-102-001 HERITAGE POSTER OR FLAT EXHIBIT(SF71)**  
Entries may be pictures, posters, items, etc. that depict family heritage. Exhibits must be supported by a written explanation.
- A-102-002 FAMILY GENEALOGY/HISTORY NOTEBOOK(SF71)**  
Include pedigree charts/family group sheets, with documentation beyond two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work to State Fair.
- A-102-003 LOCAL HISTORY SCRAPBOOK/NOTEBOOK(SF71)**  
Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- A-102-004 FRAMED FAMILY GROUPINGS OF PICTURES SHOWING FAMILY HISTORY (SF71)**  
Pictures must be supported by a written explanation.
- A-102-005 OTHER EXHIBITS DEPICTING THE HERITAGE OF THE MEMBER'S FAMILY OR COMMUNITY(SF71)**  
Exhibit must be supported by a written explanation. May include biographical album of themselves or another family member, family cookbooks, etc.
- A-102-006 4-H HISTORY SCRAPBOOK(SF71)**  
Scrapbook relating 4-H history of local club or county. Must be work of individual 4-Her, no club project. If multiple books included in exhibit, only bring book with most current year's work to State Fair.
- A-102-007 4-H HISTORY POSTER(SF71)**  
Poster (14" x 22") relating 4-H history of local club or county or individual.
- A-102-008 STORY OR ILLUSTRATION ABOUT AN HISTORICAL EVENT(SF71)**
- A-102-009 BOOK REVIEW ABOUT LOCAL, NEBRASKA, OR REGIONAL HISTORY(SF71)**
- A-102-010 OTHER HISTORICAL EXHIBITS(SF71)**  
Attach an explanation of historical importance.
- A-102-011 EXHIBIT DEPICTING THE IMPORTANCE OF A COMMUNITY/NEBRASKA HISTORIC LANDMARK (SF71)**
- A-102-012 COMMUNITY REPORT (SF71)**
- A-102-013 HISTORIC COLLECTION(SF71)**  
Displayed securely and attractively in a container no larger than 22" x 28".
- A-102-014 VIDEO DOCUMENTARY OF A FAMILY OR A COMMUNITY EVENT(SF71)**  
Must be produced and edited by 4-H member. Submit on a flash drive.
- A-102-015 4-H CLUB/COUNTY SCRAPBOOK(SF71)**  
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 to State Fair.
- A-102-016 4-H MEMBER SCRAPBOOK(SF71)**  
Scrapbook relating to individual 4-H member's 4-H history. If multiple books included in exhibit, only bring book with the most current year's work to State Fair.
- A-102-017 SPECIAL EVENTS SCRAPBOOK(SF71)**  
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.

## DEPARTMENT A CITIZENSHIP

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.

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

Supporting Material: All entries must have a statement explaining the purpose of the exhibit. All exhibitors are encouraged to show evidence of their personal experiences, study or observations that relate to their exhibit. This helps the judges understand what the 4-H'er did and learned in the process that led to the exhibit.

References: All exhibitors should reference material sources or supporting information used in exhibits (i.e., if questions 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. Scoresheets can be found at <https://go.unl.edu/ne4hccitizenship>

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

### DIVISION 120 - CITIZENSHIP

Premium 3

#### A-120-001 CARE PACKAGE DISPLAY(SF182)

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 other multi-media program to show about the PROCESS of developing and giving a care package to a service organization. PowerPoint should be saved to a USB/thumb drive. You need to answer the following questions in your exhibit.

1. How did you select the organization?
2. What items did you include in your care package?
3. Why did you select those items?
4. How did it feel to present your care package to the organization?
5. What did you learn from this experience?
6. Other information you feel is important about the care package or organization. Some examples of care packages: backpack for school supplies, litter pan for animal shelter items, suitcase for abuse shelter or homeless shelter, etc.

#### A-120-002 CITIZENSHIP GAME(SF182)

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

#### A-120-003 PATRIOTIC OR CULTURAL FINE ARTS MEDIA(SF182)

Can be of made any art media but should tie in the relevance of the artwork to citizenship.

#### A-120-004 PUBLIC ADVENTURE SCRAPBOOK(SF182)

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

#### A-120-005 PUBLIC ADVENTURE POSTER(SF182)

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".

#### A-120-006 WRITTEN OR RECORDED STAKEHOLDER INTERVIEW(SF182)

Should follow the outline found in the Public Adventures Curriculum. It may be written or recorded.

#### A-120-007 WRITTEN CITIZENSHIP ESSAY(SF182)

Designed to promote good citizenship and patriotism. This essay is open to all age groups. All essays should be 300 - 400 typewritten words.

#### A-120-008 ORAL CITIZENSHIP ESSAY: FOR 9TH-12TH GRADERS ONLY(SF182)

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.

#### A-120-009 SERVICE ITEMS(SF182)

Can include but are not 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.

#### A-120-010 4-H CLUB EXHIBIT(SF182)

Should depict what a 4-H Club has done for community service projects. 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.

#### A-120-972 OTHER CITIZENSHIP EXHIBIT – COUNTY ONLY



## **DIVISION 130 i2i CLASSES**

Premium 3

### **A-130-001 CULTURAL FINE ARTS(SF183)**

Can be made of any art media but should symbolize what makes them unique.  
**A-130-002 HOW ARE WE DIFFERENT?(SF183)**

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.

### **A-130-003 NAME ART(SF183)**

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

### **A-130-004 FAMILY HISTORY(SF183)**

Depicting your family cultural history or the ethnic make-up of your community noting who the first settlers were, where they came from, and any evidence of the background today (local celebrations, family celebrations, museum or educational displays, historical markers, etc.)?

### **A-130-005 EXHIBIT DEPICTING A CULTURAL FOOD THAT IS SPECIAL TO YOUR FAMILY(SF183)**

Can be a story or essay.

### **A-130-006 "THIS IS WHO I AM" POEM (SF183)**

A poem written by the 4-H'er that reflects who they are.

### **A-130-007 POSTER(SF183)**

Depicts what you have learned through the i2i Project.

### **A-130-008 BIOGRAPHY(SF183)**

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

### **A-130-009 PLAY SCRIPT(SF183)**

Written about a different culture.

## **DEPARTMENT B BANNERS AND POSTERS**

### **DIVISION 400 - BANNERS**

Premium 3

It should illustrate a phase of 4-H work or promote 4-H generally. Copyrighted materials cannot be used.

When using the official 4-H Emblem (clover with the H's on each leaf), it must follow approved guidelines at [Using the 4-H Name and Emblem, 4-H National Headquarters Fact Sheet](#)

Banners are a two-dimensional display, depicting one idea. See Posters for Exhibit Guidelines.

Dimensions are to be 2' x 3' to 3' x 6'. The banners can be arranged horizontally or vertically but will be displayed with the 3-foot side on the top. The exhibit will not be penalized for being arranged horizontally.

Banners must be hung on at least a 1/2" dowel or a rod strong enough to support the banner.

Attach a label and the current entry tag to the front lower-left-hand (as you face it) corner of the banner. The label should include the name of the club. Letters on this label should be two inches in height.

### **B-400-971 BANNER**

### **DIVISION 500 - POSTERS/DISPLAY BOARDS**

Premium 3

The purpose of a poster is to call attention to a subject. Every poster must be crafted to catch the viewer's attention quickly.

Each must present only one specific message clearly. The poster should clearly feature some aspect of 4-H.

Poster must be 14" x 22" and must be of a material that can be pinned to a display board.

### **B-500-973 POSTERS/DISPLAY BOARDS**

## **DEPARTMENT F ENTREPRENEURSHIP**

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

## EXHIBIT GUIDELINES:

- The 4-H member's name, age, town and county must be listed on the back of the exhibit. Entry cards should be stapled or taped (not paper -clipped) to the upper right-hand corner of posters. If exhibit is a poster, it must be 14"x22" and may be arranged either horizontally or vertically. Posters may not use copyrighted materials, such as cartoon characters or commercial product names. Posters may include original photographs, charts, or examples as well as written explanation. **Exhibits which do not conform to size or content guidelines will be lowered one ribbon placing.**

## DIVISION 531 ENTREPRENEURSHIP INVESTIGATION

Premium 3

### F-531-001 INTERVIEW AN ENTREPRENEUR(SF181)

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

### F-531-002 SOCIAL ENTREPRENEURSHIP PRESENTATION(SF181)

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

### F-531-003 MARKETING PACKAGE(SF181)

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.

### F-531-004 SAMPLE OF AN ORIGINAL PRODUCT(SF181)

To include an information sheet (8½" 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 different 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.
- Survey at least 10 people in your community about your product.
- How much would you earn per hour? Show how you determine this figure.
- What is unique about this product?

### F-531-005 PHOTOS OF AN ORIGINAL PRODUCT(SF181)

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 F-531-SF4 and Class F-531-SF5, 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 the 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.
- 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?

### F-531-006 ENTREPRENEURSHIP CHALLENGE(SF181)

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 (or other digital presentation), report or scrapbook related to the learning from the challenge. Use your creativity to show and share what you learned. Select your five (5) challenges from the list below:

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

### F-531-975 OTHER MONEY MANAGEMENT EXHIBIT – COUNTY ONLY

## DEPARTMENT C HUMAN DEVELOPMENT

The term Human Development includes childcare, family life, personal development, and character development. To learn characteristics of suitable and unsuitable toys and for characteristics of children at various stages of development.

- 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

[-http://www.education.ne.gov/OEC/elg.html](http://www.education.ne.gov/OEC/elg.html)

### Information sheets for classes 1-6 should include:

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

### Information sheets for class 8 (Babysitting Kit) should include:

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

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. <http://www.education.ne.gov/OEC/elg.html>

**POSTER REQUIREMENTS:** Poster must be 14" x 22" and on regular poster board. Do not use foam core or any other material that cannot be stapled to a display board. May be arranged either horizontally or vertically.

## DIVISION 200 - HUMAN DEVELOPMENT

Premium 3

### 4-H'ers taking I HAVE WHAT IT TAKES TO BE A BABYSITTER may enter:

Toy, game, or activity made for a selected and identified age group. The intent is for the toy/game/activity to teach the child in the developmental area related to each class. For example, a game that is developed to help youth learn language and literacy skills would be an exhibit for class 2. Each area is a different class. Information sheet required or exhibit will be dropped a ribbon placing for classes 1-6.

**C-200-001 SOCIAL EMOTIONAL DEVELOPMENT(SF30)**

**C-200-002 LANGUAGE AND LITERACY DEVELOPMENT(SF30)**

**C-200-003 SCIENCE(SF30)**

**C-200-004 HEALTH AND PHYSICAL DEVELOPMENT(SF30)**

**C-200-005 MATH(SF30)**

**C-200-006 CREATIVE ARTS(SF30)**

**C-200-007 ACTIVITY WITH A YOUNGER CHILD(SF115)**

Poster or scrapbook showing 4-H'er working with a child age 0 to 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 class 7.

**C-200-008 BABYSITTING KIT(SF85)**

Purpose of the kit is for the 4-H member to take this when they babysit in someone else's home. Do not make kit for combination of ages or for your own family to use. 4-H member should make one or more items in the kit, but purchased items are also allowed. A list of items in the kit is suggested to be included. Display in box or bag suitable for what it contains. Approximate size not larger than 12"x15"x10". All items in kit must be safe for child to handle. Most importantly the kit should serve a defined purpose, not just be a catch all for several items.

Information sheet for Class C-200-008 should include:

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

**4-Hers taking any of the projects in Department C-200 may enter:**

**C-200-009 FAMILY INVOLVEMENT ENTRY(SF115)**

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

**4-H'ers taking GROWING ALL TOGETHER (2 or 3) MAY ENTER:**

**C-200-010 GROWING WITH OTHERS SCRAPBOOK OR POSTER(SF115)**

Poster size 14" x 22". Examples: How to decide if its time you can be home alone, and related activities. How responsibilities and privileges are related. Friendships. Working with others. Understanding rules and boundaries. A family tree. A family rules chart. A family meal plan, with pictures of a special family meal. A home safety checklist. Being street smart (safety). A school scrapbook showing yourself and your school activities, memories, and special interests.

**C-200-011 GROWING IN COMMUNITIES SCRAPBOOK OR POSTER(SF115)**

Poster size 14" x 22". 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 safetycheck.

**C-200-974 OTHER HUMAN DEVELOPMENT ITEM- COUNTY ONLY**

**DIVISION 907 - YOU DESIGN IT**

Premium 3

**Being enrolled in any 4-H project allows you to exhibit in this area.** The exhibits in You Design It are essentially educational exhibits. Exhibitors may use whatever means is most effective in showing what they have accomplished in a project they have planned themselves. The exhibit should include sufficient explanation so that viewers understand what was done.

**F-907-971 SELF-DESIGNED PROJECT – COUNTY ONLY**

Applique, Embroidery, Cross-Stitch, Clay, Porcelain, Ceramics, Fiber Art, Leather, Metal, Nature Projects, Corn Husks, Oil, Watercolor, Other Painting, Weaving, Macramé, Wood (Other than furniture), Miscellaneous, Textiles, Glass, Paper, Chalk, Carbon/Ink, Plastic, Porcelain/Chin Painting

**DIVISION 909 - LET'S CREATE CRAFTS**

Premium 3

Only 5 items per exhibitors. Being enrolled in any 4-H project allows you to exhibit in this area. All items able to hang should have a secure hanger. Crafts entered in Let's Create Crafts will not be considered for State Fair.

Examples of techniques you can use are: Native Grasses, Wildflowers, Leadership, Wire Sculpture, Applique, Embroidery, Cross-Stitch, Clay, Porcelain, Ceramics, Fiber Art, Leather, Metal, Nature Projects and Corn Husks, Oil, Watercolor or Other Painting, Weaving, Macramé, Wood (Other Than Furniture), Textiles, Glass, Paper, Chalk, Carbon /Ink, Plastic, Porcelain or China Painting

**F-909-971 LET'S CREATE CRAFTS COUNTY ONLY**

**DIVISION 912 – 4-H CLUB RECORDS**

Premium 3

**F-912-971 4-H CLUB SECRETARY BOOK- COUNTY ONLY**

Each club is limited to one entry made by its official club secretary.

**F-912-972 4-H CLUB HIGHLIGHTS – COUNTY ONLY**

Open to club news reporters only. One entry per club. Create a scrapbook, binder or poster with club activities completed this year, fun events at meetings, demonstrations by club members, community service, include photographs, articles written by you (the club news reporter). Be creative!

**DIVISION 914 - BUILDING FAMILY STRENGTHS**

Premium 3

**F-914-971 FAMILY FUN NIGHT NOTEBOOK – COUNTY ONLY**

Explaining what was planned for family fun night. List activities and evaluate the event.

## **DIVISION 922 - 4-H SCHOOL ENRICHMENT, AFTER SCHOOL, AND WORKSHOPS**

### Premium 3

Entries are any poster, essay or educational exhibit in any medium showing what was learned in the project. All exhibits need name of person, class, grade, school. Each person may enter a maximum of 3 entries. If your classroom participated in a project, your teacher would have enrolled you. Participants must be 8 years old by January 1 of the current year to receive a premium. Those younger will receive Clover Kid ribbons. Posters should be 14" x 22".

### **F-922-971 ANY SCHOOL ENRICHMENT OR AFTER SCHOOL EXHIBIT**

If your classroom participated in a project, you may enter it in this class. Please drop off your classroom exhibits before June 1 and arrange pickup with the Cass County Extension Office following the fair.

- Class Project: Exhibit of choice that illustrates what students learned during this program. Premium: \$10.00 per classroom exhibit. One entry per classroom per program.
- Individual Student Project: Exhibit of choice that illustrates what students learned during this program. Premium: \$1.00 per student exhibit. One entry per student per program.

## **DEPARTMENT H VETERINARY SCIENCE**

### DIVISION 840 - VETERINARY SCIENCE

#### Premium 3

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

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 of drapes, use of sterile procedures, wearing of gloves, and other appropriate veterinary medical practices.

1. First-Aid Kits: Because of public safety concerns and risk of theft of first-aid contents (veterinary Rugs/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.

2. 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.

3. Veterinary Science Displays: A display may include but is not limited to; a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on ¼" plywood or equivalent that does not exceed 24" high or 32" wide or in a three-ring binder or another bound notebook format.

Appropriate Veterinary Science Topics:

- Maintaining health
- Specific disease information
- Photographic display of normal and abnormal characteristics of animals
- Animal health or safety
- Public health or safety
- Proper animal management to ensure food safety & quality.
- Efficient and safe livestock working facilities.
- Or a topic of the exhibitors choosing related to veterinary medicine or veterinary science.

Remember, since these are science displays, all references and information need to be properly cited. Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with Veterinarians and excerpts from Veterinary Educational Literature. Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.

H-840-001 4-H VETERINARY SCIENCE LARGE ANIMAL POSTER, NOTEBOOK, OR DISPLAY(SF119)

H-800-002 4-H VETERINARY SCIENCE SMALL ANIMAL/PET POSTER, NOTEBOOK, OR DISPLAY(SF119)

# DEPARTMENT E SAFETY

## DIVISION 440 - SAFETY, GENERAL

### Premium 3

#### **E-440-001 FIRST AID KIT(SF110)**

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 be 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. Kits containing any of the following will be automatically disqualified:

- 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.)
- 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.)
- Any controlled substance.

#### **E-440-002 DISASTER KIT (Emergency Preparedness) (SF111)**

A disaster kit 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 up 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 challenge their family to try to survive using only the included materials for the designated time. If tested, share that experience in kit documentation. Please include an explanation of drinking water needs for your disaster kit. Do not bring actual water to the fair in the kit.

#### **E-440-003 SAFETY SCRAPBOOK(SF292)**

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 hard cover binder or notebook for 8½" x 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

#### **E-440-004 SAFETY EXPERIENCE(SF190)**

The exhibit should share an experience the youth had related to safety. Examples could be participating in a first aid class or first responder training, a farm safety day camp, babysitting workshop, or similar event; scientific experience related to safety; or youth's response to an emergency. 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 10 pages of narrative and pictures, or a multimedia presentation on a CD lasting up to 5 minutes.

#### **E-440-005 CAREERS IN SAFETY(SF191)**

This exhibit should identify a specific career 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 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 websites, job-related government websites, or interviews with career placement or guidance counselors. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to 10 pages of narrative and pictures, or a multimedia presentation on a flash drive lasting up to 5 minutes.

## DIVISION 450 - FIRE SAFETY

### Premium 3

#### **E-450-001 FIRE SAFETY POSTER(SF269)**

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 the 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 to an assembly location. Documentation should include evidence the escape route 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".

**E-450-002 FIRE SAFETY SCRAPBOOK(SF270)**

This scrapbook must contain at least ten (10) news articles 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 hard cover binder or notebook for 8½" x 11" paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

**E-450-003 FIRE PREVENTION POSTER(SF268)**

See posters section 1 for general requirements. Posters should promote a fire prevention message and be appropriate to display during National Fire Prevention Week or to promote fire prevention at special 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/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".

# Photography

## DEPARTMENT B PHOTOGRAPHY

Co-Superintendents - Heather Ackman & Rylee Ackman

Individuals are allowed only one entry per class number. If more than one item per class is entered, they will be judged and displayed but no premium will be awarded. 4-Hers may sign up to interview with the Photography judge on Monday. Interviews will be no longer than 10 minutes. Sign up at check-in on Sunday from 4:00 p.m. - 6:00 p.m. Interviews are optional. Only exhibits receiving purple ribbons are eligible to be selected for State Fair.

**GUIDELINE RULES**

- 4-H members may only exhibit in one photography level.
- Entry Tags Must be secured to the upper right- handcorner of picture displays with scotch tape.
- An image may only be used on one exhibit with the exception, of Portfolios, which may include images entered in other classes.
- Cameras: Photos may be taken with any type of film or digital camera, including phones, 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. Attaching photos with double stick tape is preferred. Do not use photo corners, borders, or place coverings over the exhibits.

Display Exhibits: Displays consist of three 4" x 6" photos mounted on a single horizontal 11" x 14" 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 in classes 20-60. Photos may be mounted vertically or horizontally. Appropriate Data Tags are required.

- Print Exhibits: All print exhibits must be 8" x 10" prints mounted in 11" x 14" (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.

**Data Tags are REQUIRED on all photography exhibits in classes 20-70. Data tags should be securely attached to the back of the exhibit. Photos without data tags will not be accepted.** Current data tags are in the back of this fair book and help sheets are available at the bottom of the page at: <https://4h.unl.edu/fairbook/static/photography>.

- **Level 2 Showcases** – Each photo in the Showcase must have a separate Level 2 Data Tag. Altogether, each Showcase exhibit will have 12 Data Tags. These may be displayed on the page before or after the photos.
- **Level 2 Prints** – All Level 2 prints must have a Level 2 Data Tag.
- **Level 3** – Each photo of the display must include a separate Level 3 Data Tag.
- **Level 3 Portfolios** – Each image in the portfolio must have a separate Level 3 Data Tag. See class description for more details.
- **Level 3 Prints** – All Level 3 prints must have a Level 3 Data Tag.

## **DIVISION 163 - NATIVE GRASSES AND WILDFLOWERS**

Premium 3

Any 4-Her may exhibit in the Native Grasses and Wildflowers area. You may be enrolled in another photography unit and still exhibit in this area.

### **B-163-998 NATIVE GRASSES AND WILDFLOWER EXHIBIT PRINT – COUNTY ONLY**

Exhibit may range in size from 3" x 5" to 8" x 10" mounted in appropriate size cut matting (no frames) with a sandwich backing.

### **B-163-999 NATIVE GRASSES AND WILDFLOWERS DISPLAY – COUNTY ONLY**

Entry will consist of 3 different pictures of native grasses and wildflowers mounted horizontally or vertically on 11" x 14" posterboard. Put numbers by each photo with a pencil.

## **DIVISION 164 - PHOTOGRAPHY FOR FUN**

Premium 3

Photography for Fun is a beginning level project recommended for beginners in Photography

### **B-164-971 MY FAVORITE PICTURE EXHIBIT PRINT – COUNTY ONLY**

Exhibit may range in size from 3" x 5" to 8" x 10" mounted in appropriate size cut matting (no frames) with a sandwich backing.

### **B-164-972 MY FAVORITE PICTURES DISPLAY – COUNTY ONLY**

Entry will consist of 3 different pictures mounted horizontally or vertically on 11" x 14" poster board. Put numbers by each photo with a pencil.

### **B-164-973 MY FAVORITE COUNTY FAIR PICTURES DISPLAY – COUNTY ONLY**

Entry will consist of 3 different fair pictures mounted horizontally or vertically on 11" x 14" poster board. Put numbers by each photo with a pencil.

### **B-164-974 ME AND MY PROJECTS DISPLAY – COUNTY ONLY**

Entry will consist of 3 different pictures of your projects mounted horizontally or vertically on 11" x 14" poster board. Put numbers by each photo with a pencil.

## **DIVISION 180 - LEVEL 1 - PHOTOGRAPHY BASICS**

Premium 3 **Not State Fair Eligible**

Display exhibits are encouraged for Level 1 exhibitors. Displays consist of three 4" x 6" photos mounted on a single horizontal 11" x 14" black or white poster or mat board. No foam core backing board is allowed. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distracting from the overall display. Numbers may be handwritten. No titles or captions allowed. Photos may be mounted vertically or horizontally. Data tags are required for each photo in the display. Use numbers to identify which photo each data tag corresponds with.

### **B-180-976 FUN WITH SHADOWS DISPLAY OR PRINT – COUNTY ONLY**

Photos should capture interesting or creative use of shadows. (Activity 4)

### **B-180-977 GET IN CLOSE DISPLAY OR PRINT – COUNTY ONLY**

Photo should capture a close-up view of the subject or object. (Activity 8)

### **B-180-978 BIRD'S OR BUG'S EYE VIEW DISPLAY OR PRINT – COUNTY ONLY**

Photo should capture an interesting viewpoint of a subject, either from above (bird's eye view) or below (bug's eye view). (Activity 10)

### **B-180-979 TRICKS AND MAGIC DISPLAY OR PRINT – COUNTY ONLY**

Photos should capture visual trickery or magic. Trick photography requires 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 flowerpot, 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)

### **B-180-980 PEOPLE, PLACES, OR PETS WITH PERSONALITY DISPLAY OR PRINT – COUNTY ONLY**

Photos should have a strong focal point, which could be people, places, or pets. Photos should capture the subject's personality or character. Photos may be posed or un-posed. (Activity 13)

### **B-180-981 BLACK AND WHITE DISPLAY OR PRINT – COUNTY ONLY**

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)



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

Premium 3

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.

### **B-181-010 LEVEL 2 PORTFOLIO (SF88)**

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.

1. Portfolios may include photos which are exhibited in other Level 2 classes during the same year. Portfolios must include: 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.
6. Reflection for each image

When writing reflections, youth should focus on what new photography technique they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

### **B-181-020 CREATIVE TECHNIQUES & LIGHTING DISPLAY OR PRINT (SF87)**

Photos should capture a creative use of lighting, such as diffused lighting, backlighting, or hard lighting, reflections, or another lighting techniques covered in Book 2 Next Level Photography (Activity 3,4,5)

### **B-181-030 CREATIVE COMPOSITION DISPLAY OR PRINT (SF87)**

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

### **B-181-040 ABSTRACT PHOTOGRAPHY DISPLAY OR PRINT (SF87)**

Photos should be abstract or capture a small piece of large subject. Abstract photos may not look like anything in particular but will need to capture a viewer's attention. (Activity 11)

### **B-181-050 CANDID PHOTOGRAPHY DISPLAY OR PRINT (SF87)**

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

### **B-181-060 EXPRESSED THROUGH COLOR DISPLAY OR PRINT (SF87)**

Photos should capture a creative use of color or a color scheme, such as complimentary, contrasting, monochromatic, warm, cool, primary, secondary, or tertiary. (Activity 13)

## **DIVISION 182 – LEVEL 3 – MASTERING PHOTOGRAPHY**

Premium 3

Level 3 Portfolio which will use SF88 Scoresheet All other Level 3 exhibits will use SF89 Scoresheet. 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.

### **B-182-010 LEVEL 3 PORTFOLIO (SF88)**

Level 3 portfolios should represent the photographer's best work. Level 3 portfolios must include 9-11 images from the 4-H member's photography career. At least 3 images should be from the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited.

Portfolios may include photos which are exhibited in other Level 3 classes during the same year. Portfolios must include:

1. 1-page max bio
2. Table of contents
3. Year each photo was taken.
4. Title for each image
5. Device, make, and model used to capture each image.
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.

**B-182-020 ADVANCED TECHNIQUES & LIGHTING PRINT (SF89)**

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

**B-182-030 ADVANCED COMPOSITION PRINT (SF89)**

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

**B-182-040 PORTRAIT PRINT (SF89)**

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)

**B-182-050 STILL LIFE PRINT (SF89)**

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)

**B-182-060 FREEZE/BLUR THE MOMENT PRINT (SF89)**

Photos should capture a subject in motion. Photographers should adjust shutter speed to either freeze or blur the movement. (Activity 11)

**DIVISION 183 - PHOTOGRAPHY FLOP**

Premium 3

**B-183-995 PHOTOGRAPHY FLOP – COUNTY ONLY**

Any photography project that failed. Must be accompanied by a written or typed summary explaining what you planned, why you think the flop occurred, and how you would keep it from happening again.

## Plant Science

### PLANT SCIENCE

Superintendent Annette Dougherty Assistant Superintendent Dana Dougherty

**Each 4-H member is limited to one entry per class. If more than one item per class is entered, they will be judged and displayed but no premium will be awarded. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.**

### DEPARTMENT D CROPS & RANGE

#### DIVISION 330 - RANGE MANAGEMENT

Premium 3

##### 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 (EC 150, Revised July 2009), Common Grasses of Nebraska (EC170), and Common Forbs and Shrubs of Nebraska (EC118).

##### BOOKS

- For books, plants must be mounted on sheets that are 14" x 14". 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, value and importance, life span, growth season, origin, major types of range plants. This information should be typed or printed neatly.

**D-330-001 VALUE & IMPORTANCE FOR LIVESTOCK FORAGE & WILDLIFE HABITAT & FOOD BOOK(SF260)**

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

**D-330-002 LIFE SPAN BOOK(SF260)**

A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.

**D-330-003 GROWTH SEASON BOOK(SF260)**

A collection including 6 cool-season grass mounts and 6 warm-season grass mounts.

**D-330-004 ORIGIN BOOK(SF260)**

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

**D-330-005 MAJOR TYPES OF RANGE PLANTS BOOK(SF260)**

A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like and 3 shrubs.

**D-330-006 RANGE PLANT COLLECTION BOOK(SF260)**

A collection of 12 range plant mounts with something in common (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.

**D-330-007 PARTS OF A RANGE PLANT POSTER(SF259)**

Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner. Put your name and 4-H county on the back of the poster.

**D-330-008 SPECIAL STUDY BOARD(SF260)**

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

**D-330-009 JUNIOR RANCHER BOARD(SF260)**

This exhibit should include a ranch map with a 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.

## **DEPARTMENT G FIELD CROPS**

### **DIVISION 750 - GRAIN OR PLANT EXHIBITS**

Premium 3

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.

**GENERAL INFORMATION:**

Scoresheet SF259

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

**IMPORTANT:** The Field Crop Worksheet must accompany grain and plant exhibits. The essay must include the exhibitor's name and address, county, plant hybrid or variety, plant population, whether crop production was irrigated or dryland, and general information including farm cropping history, soil type and weather effects. The essay must include an economic analysis of the project, listing individual expenses and income per acre. 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 so 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 (disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

- B. Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (corn or soybeans) may be from the previous year's project. Display containers will be furnished.
- C. 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 tied with stems about 24" long.
  - Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level or half size small square bale.

**G-750-001 CORN(SF264) - (includes yellow, white, pop, waxy or any other type).**

**G-750-002 SOYBEANS (SF264)**

**G-750-003 OATS (SF264)**

**G-750-004 WHEAT(SF264)**

**G-750-005 ANY OTHER CROP (SF264)**

grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.

**G-750-006 CROP PRODUCTION DISPLAY (SF259)**

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.

**G-750-007 CROP TECHNOLOGY DISPLAY (SF259)**

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

**G-750-008 CROP END USE DISPLAY (SF259)**

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

**G-750-009 WATER OR SOIL DISPLAY(SF259)**

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.

**G-750-010 CAREER INTERVIEW DISPLAY(SF259)**

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

## **SPECIAL AGRONOMY PROJECT**

The crop of the year for 2023 is Tepary Beans

**G-750-011 SPECIAL AGRONOMY PROJECT – EDUCATIONAL EXHIBIT (SF259)**

Educational exhibit based on what was learned from the project. Present information on a poster 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, and county must be on the back of the poster or report cover. Refer to Scoresheet SF259 Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used.

**G-750-012 SPECIAL AGRONOMY PROJECT-VIDEO PRESENTATION(SF259)**

4-H exhibitor designs a multimedia presentation related to the crop. This could include narration of the growing process, presenting facts about the crop or any other innovative multimedia practices. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip. Any of the following file formats will be accepted: mp4, .mov, .ppt, or .avi.

**H-750-013 SPECIAL AGRONOMY PROJECT (Freshly Harvested Crop)(SF259) 2023 Tepary Beans**

Plant exhibits must be the result of the current year's project. Depending on the type of crop selected for the current year:

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

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

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

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

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

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

Economic Analysis and/or research that supports feasibility of this crop in Nebraska or how the crop has evolved over time.

Other topics to discuss are past/current commercial production of this crop. This includes: the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season about this crop and what you learned from your crops project. This ½ to 1-page summary counts as 50% of the total when judged.

In addition to the summary, grain and plant exhibits will be judged on condition, appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

## **DIVISION 751 - WEED SCIENCE**

Premium 3

### **GENERAL INFORMATION:**

A. Any individual in the Conservation, Environment 1, 2, or 3, Range, Reading the Range 1 or Using Nebraska Range 2, or Crop Production, Field Crops project may exhibit a weed book or weed display. The book cover and at least 15 of the specimens must represent this year's work. For assistance identifying plants, participants can use Nebraska Department of Agriculture's Weeds of Nebraska and the Great Plains (1994) or Weeds of the Great Plains (2003).

### **BOOKS:**

- A. Display one plant on the book cover (no label required on cover specimen). Plants must be mounted on sheets that are 12" wide x 14" high. Proper plant mount should include root as well as stem and leaf tissue. Plants should be glued rather than taped and the mounts should be protected with a clear cover.
- B. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements. Refer to Scoresheet SF261.
- C. 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 the order plants were collected in your personal collection.
  7. Other information depending on class selected, i.e., noxious, life form. This information should be typed or printed neatly.

### **D. 751-001 WEED IDENTIFICATION BOOK (SF261)**

A collection of a minimum of 15 plant mounts, including at least two of the following prohibited: noxious weeds (Canada thistle, musk thistle, plume-less thistle, salt cedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed, or phragmites), and at least three weeds that are a problem primarily in lawns.

### **G-751-002 LIFE SPAN BOOK (SF261)**

A collection of 7 perennial, 1 biennial, and 7 annual weeds.

### **G-751-003 WEED DISPLAY (SF259)**

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.

### **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 24" x 24" 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.

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.

## **DEPARTMENT G HORTICULTURE**

If more than one item per class is entered, they will be judged and displayed but no premium will be awarded. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

**GENERAL INFORMATION:**

The valid cultivar or variety name must be included on all entry cards. Proper identification is the responsibility of the exhibitor. 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.

Use plain jars or bottles for cut flower entries. Cut flower containers will not be judged. All 3 or 5 stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors.

In classes 23, 44, & 45 do not duplicate entries with the classes listed by using other cultivars or varieties. For example: 4-Hers with two cultivars or varieties of marigolds can only enter the marigold class and cannot enter the other cultivar or variety in any other class. Follow the guidelines in 4-H "Preparing Cut Flowers for Exhibits" 4H227 (revised 7/20/12) (Free Download - <http://4h.unl.edu/preparingcutflowers> when preparing entries for the fair.

**DIVISION 770 - FLORICULTURE, EDUCATIONAL EXHIBITS, & HOUSEPLANTS(SF106)**

Premium 3

**Annuals and Biennials** - 5 stems of a single variety(cultivar) unless otherwise noted in parenthesis.

- G-770-001 ASTER
- G-770-002 BACHELOR BUTTONS
- G-770-003 BELLS OF IRELAND
- G-770-004 BROWALLIA
- G-770-005 CALENDULA
- G-770-006 CELOSIA (crested or plume) 3 stems
- G-770-007 COSMOS
- G-770-008 DAHLIA
- G-770-009 DIANTHUS
- G-770-010 FOXGLOVE
- G-770-011 GLADIOLUS (3 stems)
- G-770-012 GOMPHRENA
- G-770-013 HOLLYHOCK (3 stems)
- G-770-014 MARIGOLD
- G-770-015 PANSY
- G-770-016 PETUNIA
- G-770-017 SALVIA
- G-770-018 SNAPDRAGON
- G-770-019 STATICE
- G-770-020 SUNFLOWER (Under 3" diameter - 5 stems, 3" or more in diameter – 3 stems)
- G-770-021 VINCA
- G-770-022 ZINNIA
- G-770-023 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 by using other cultivars or varieties.
- G-770-971 ANY COUNTY ONLY ANNUAL  
Up to three different annuals.

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

- G-770-030 ACHILLEA/YARROW
- G-770-031 CHRYSANTHEMUM
- G-770-032 CONEFLOWER
- G-770-033 COREOPSIS
- G-770-034 DAISY
- G-770-035 GAILLARDIA
- G-770-036 HELIANTHUS
- G-770-037 HYDRANGEA (3 Stems)
- G-770-038 LIATRIS (3 stems)
- G-770-039 LILIES (3STEMS) (NOT DAYLILIES)
- G-770-040 PLATYCODON
- G-770-041 ROSE (3 stems)

- G-770-042 RUDBECKIA/BLACK-EYED SUSAN  
 G-770-043 SEDUM  
 G-770-044 STATICE  
 G-770-045 ANY OTHER PERENNIAL  
 Under 3" diameter- 5 stems, 3" or more in diameter - 3 stems. Do not duplicate entries in classes 30-43.
- G-770-046 4-H FLOWER GARDEN COLLECTION OF 5 DIFFERENT CUT 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 may not be returned at State Fair. Do not duplicate entries in classes 1-45 with any in the group collection.
- G-770-972 ANY COUNTY ONLY PERENNIAL  
 Up to three different perennials.

## EDUCATIONAL EXHIBITS

- G-770-050 FLOWER NOTEBOOK(SF100)**  
 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 different section. You 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 (needs full sun and dry sandy soil) the species prefers. In addition to this information, bulbs should also be labeled as spring or summer flowering. Give proper credit by listing the sources of pictures and information used. The 4-H member's name, age, county, and years in the project(s), must be on the back of the notebook.
- G-770-051 FLOWER GARDEN PROMOTION POSTER(SF103)**  
 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 they are not 3-dimensional. Posters using copy righted material will not be accepted. Entry card must be stapled to the upper right-hand corner. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.
- G-770-052 EDUCATIONAL FLOWER GARDEN POSTER(SF104)**  
 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 flowers or houseplant project. You might show a special technique you use or equipment you have incorporated in your garden. Refer to 4-H horticulture project manuals but use your own creativity. Entry card must be stapled to the upper right-hand corner. The 4-H member's name, age, years in the project(s) and county must be on the back of the poster.
- G-770-053 FLOWER GARDENING HISTORY INTERVIEW(SF105)**  
 Neatly handwritten account of a gardening history interview, whose flower garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden if the individual is still gardening.  
 Protect with a clear report cover. The 4-H member's name, age, county, and years in the project(s) must be on the back of the report cover.

## HOUSEPLANTS

### Container Grown Houseplants (SF107)

The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container. Houseplants should be grown in a display container for a minimum of six (6) 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. Entries in classes 60-66 must have been designed and planted by the 4-H member. Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, and desert gardens may be up to 12" in diameter (inside opening measurement). Classes 60 - 64 must have and provide a saucer to catch drainage water. The 4-H member's name, age, county, and years in the project(s) must be on the bottom or back of the container and saucer.

- G-770-060 FLOWERING POTTED HOUSEPLANT(S)**  
 Blooming for exhibition. Container may have one or more houseplants in container. Label name for each plant.
- G-770-061 FOLIAGE POTTED HOUSEPLANT(S)**  
 One variety of tropical or cacti or succulent plant
- G-770-062 HANGING BASKET**  
 Flowering/foilage houseplants. Container may have one or more plant in container. Label name for each plant.
- G-770-063 DISH GARDEN**  
 An open container featuring a variety of houseplants excluding cacti and succulents. Label name for each plant.



**G-770-064 FAIRY OR MINIATURE GARDENS**

A miniature “scene” in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, bench, fence made from tiny twigs, small shell for a bathtub, etc. Label name for each plant.

**G-770-065 DESERT GARDEN**

An open container featuring cacti and/or succulents grown as houseplants. Label name for each plant.

**G-770-066 TERRARIUM**

A transparent container partially or completely enclosed; sealed or unsealed. Label name for each plant.

**DIVISION 773 - VEGETABLE, HERBS & FRUITS**

Premium 5 SF138

Vegetables, herbs, and fruits will be exhibited and judged according to the current 4-H exhibiting guide, 4-H 226. The cultivar or variety name must be included on all entry cards. Vegetables in the collection of 5 cannot be the same type as those entered in the single exhibits. An exhibitor can enter a maximum of 5 different classes in DIVISION 773, one entry per person per class. Put the number of vegetables per exhibit in parenthesis.

Follow the guidelines in “Selecting and Preparing Vegetables, Herbs, and Fruits for Exhibit” 4H226 (revised June 2013)

(<http://4h.unl.edu/4hcurriculum/preparingvegetablesandfruit>) when preparing entries for fair.

**VEGETABLES**

- G-773-201 LIMA BEANS (12)
- G-773-202 SNAP BEANS (12)
- G-773-203 WAX BEANS (12)
- G-773-204 BEETS (5)
- G-773-205 BROCCOLI (2)
- G-773-206 BRUSSELS SPROUTS (12)
- G-773-207 GREEN CABBAGE (2)
- G-773-208 RED CABBAGE (2)
- G-773-209 CARROTS (5)
- G-773-210 CAULIFLOWER (2)
- G-773-211 SLICING CUCUMBERS (2)
- G-773-212 PICKLING CUCUMBERS (5)
- G-773-213 EGGPLANT (2)
- G-773-214 KOHLRABI (5)
- G-773-215 MUSKMELON/CANTALOUPE (2)
- G-773-216 OKRA (5)
- G-773-217 YELLOW ONIONS (5)
- G-773-218 RED ONIONS (5)
- G-773-219 WHITE ONIONS (5)
- G-773-220 PARSNIPS (5)
- G-773-221 BELL PEPPERS (5)
- G-773-222 SWEET (NON-BELL) PEPPERS (5)
- G-773-223 JALAPENO PEPPERS (5)
- G-773-224 OTHER PEPPERS (5)
- G-773-225 WHITE POTATOES (5)
- G-773-226 RED POTATOES (5)
- G-773-227 RUSSET POTATOES (5)
- G-773-228 OTHER POTATOES (5)
- G-773-229 PUMPKIN (2)
- G-773-230 MINIATURE PUMPKINS (5) (Jack Be Little type)
- G-773-231 RADISH (5)
- G-773-232 RHUBARB (5)
- G-773-233 RUTABAGA (2)
- G-773-234 GREEN SUMMER SQUASH (2)
- G-773-235 YELLOW SUMMER SQUASH (2)
- G-773-236 WHITE SUMMER SQUASH (2)
- G-773-237 ACORN SQUASH (2)
- G-773-238 BUTTERNUT SQUASH (2)
- G-773-239 BUTTERCUP SQUASH (2)
- G-773-240 OTHER WINTER SQUASH (2)
- G-773-241 SWEET CORN (IN HUSKS) (5)
- G-773-242 SWISS CHARD (5)



- G-773-243 RED TOMATOES (5) (2" or more in diameter)
- G-773-244 ROMA OR SAUCE-TYPE TOMATOES(5)
- G-773-245 SALAD TOMATOES (12) (under 2" diameter)
- G-773-246 YELLOW TOMATOES (5) (2" or more in diameter)
- G-773-247 TURNIPS (5)
- G-773-248 WATERMELON (2)
- G-773-249 DRY EDIBLE BEANS (1 PINT)
- G-773-250 GOURDS, MIXED TYPES (5)
- G-773-251 GOURDS, SINGLE VARIETY (5)
- G-773-252 ANY OTHER VEGETABLE that doesn't fit in any other class (2, 5 or 12)

**G-773-255 4-H VEGETABLE GARDEN COLLECTION OF FIVE KINDS OF VEGETABLES**

Display Garden Collection in a box not more than 24" in any dimension Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252). Do not duplicate entries in classes 201-252 with any in the group collection.

**G-773-256 4-H CULTIVAR VEGETABLE COLLECTION**

Vegetables entered in the collection are 5 cultivars from a single exhibit: 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).

**G-773-971 BEST DRESSED VEGETABLE COUNTY ONLY**

Any one vegetable may be exhibited. Use your imagination in dressing up your vegetable. Example: Mister Potato Head.

**G-773-972 PLANTED CONTAINER GARDEN COUNTY ONLY**

Any vegetable(s) and/or herb(s) planted and growing in your choice of container.

**HERBS**

SF108

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.

- G-773-260 BASIL (5)
- G-773-261 DILL (dry) (5)
- G-773-262 GARLIC (bulbs) (5)
- G-773-263 MINT (5)
- G-773-264 OREGANO (5)
- G-773-265 PARSLEY (5)
- G-773-266 SAGE (5)
- G-773-267 THYME (5)
- G-773-268 ANY OTHER HERB (5) (Do not duplicate entries in classes 260-267)
- G-773-269 4-H HERB GARDEN DISPLAY OF 5 DIFFERENT HERBS

Displayed in a box or other holder not more than 18" in any dimension. Each herb in the collection should be exhibited with the number specified for classes 260-268. Do not duplicate entries in classes 260-268 with any in the group collection.

**FRUITS**

SF108

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.

- G-773-280 STRAWBERRIES (1 -pint everbearers)
- G-773-281 GRAPES (2 bunches)
- G-773-282 APPLES (5)
- G-773-283 PEARS (5)
- G-773-284 WILD PLUMS (1 pint)
- G-773-285 OTHER SMALL FRUIT OR BERRIES (1 pint) Do not duplicate entries in classes 280-284.
- G-773-286 OTHER FRUITS OR NUTS (5) Do not duplicate entries in classes 280-284

## **EDUCATIONAL EXHIBITS**

### **G-773-290 GARDEN PROMOTION POSTER (SF103)**

Individual poster promoting vegetable or herb gardening, size 14" x 22" either vertical or horizontal arrangement. Posters may be in any medium so long as they are not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right-hand corner. The 4-H member's name, age, county, and years in the project(s) must be on the back of the poster.

### **G-773-291 EDUCATIONAL VEGETABLE OR HERB GARDEN POSTER (SF104)**

Prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H vegetable gardening project. You might show a special technique you use or equipment you have incorporated in your garden (drip irrigation system, composting, or special techniques learned). 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, county, and years in the project(s) must be on the back of the poster.

### **G-773-292 VEGETABLE AND/OR HERB GARDENING HISTORY INTERVIEW (SF105)**

Neatly handwritten 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 or 3-ring notebook. The 4-H member's name, age, and county must be on the back of the report.

### **G-773-293 VEGETABLE SEED DISPLAY (SF101)**

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 site references on where the scientific name information was found. The 4-H member's name, age, county, and years in the project(s) must be on the back of the display.

### **WORLD OF VEGETABLES NOTEBOOK (SF102)**

**G-773-294** Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (Mexican, African, Chinese, Italian, etc.). Include a report explaining about a minimum of 5 vegetables and/or herbs from each country chosen. Include the scientific and common names; pictures of the plants from your garden or seed catalogs; tell how they are grown; and how the foods are used. Also list a source for buying the seed or plants. Favorite recipes using some or all the vegetables described may be included. Give proper credit by listing the sources of pictures and information used. Protect in a clear report cover or small 3-ring notebook. The 4-H member's name, age, years in the project, and county must be on the back cover of the report.

## **DIVISION 775 - SPECIAL GARDEN PROJECT**

### **G-775-001 STATE FAIR SPECIAL GARDEN PROJECT EDUCATION EXHIBIT**

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, and county must be on the back of the poster or report cover. Fresh cut flowers or harvested vegetables should be entered in class G-775-002.

### **G-770-002 SPECIAL GARDEN PROJECT FRESH CUT FLOWERS OR HARVESTED VEGETABLES**

The current year's Special Garden Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 1-45 in (SF Book) for quantity to exhibit if Special Garden Project is a fresh cut flower (SF106). Refer to classes 201-252 for quantity to exhibit if Special Garden Project is a vegetable (SF108)

# FORESTRY

## FORESTRY DIVISION 320

### Premium 3

**GENERAL INFORMATION:** The official reference for all forestry projects is Tree Identification Manual (4-H 332) which was recently revised and is available for purchase from UNL Marketplace. Other helpful forestry references include "Trees of Nebraska" (EC 92-1774-X) "Leafing Out" (4-H431), and "Plant a Tree" (EC 17-11- 80).

- Display "boards" must be made from wood or wood composite, ¼" to ½" thick and no larger than 24" x 24".
- Display boards may be coated, painted, varnished or equivalent to prevent warping.
- Display "posters" must be made from a material, foam board or poster board that will stand upright and be no larger than 24"x 24".
- Display "books" must measure no more than 16"x16". At least 5 of the 10 samples in Classes 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 - *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.

Remember that other general labeling standards apply. For example: scientific names are always italicized or underlined. Also, the first letter of a Genus name is always capitalized. The first letter of a species name is always lower case. When required, always indicate complete scientific names (Genus and species) and common names, (Norway Maple) even when "variety names" are included. For example: the scientific name of Emerald Queen Maple is *Acer platanoides* and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variety names are not required.

### D-320-001 DESIGN YOUR OWN EXHIBIT

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

### D-320-002 LEAF DISPLAY

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

- **Collection:** Whenever possible, collect leaves from mature trees. Collect leaves any time after they have reached full size, usually beginning in early summer. Leaf samples should be in good condition and representative of the average leaves on the tree. Keep in mind that shaded leaves are often much larger than normal. Carefully remove leaves from the twig with the entire petiole or rachis intact. After collection, fresh leaf samples can be temporarily stored within the pages of an old magazine, but they should be properly pressed and dried for display. Be sure to record pertinent information during collection. All collection must be done by the exhibitor.
- **Mounting:** Leaves may be displayed in a notebook or on a display board. Any method may be used to mount leaves, e.g. wire, glue, tape, staples, plastic bags, but be sure all their features can be clearly identified.
- **Labeling:** The label for each sample must include: 1. common name 2. scientific name 3. leaf type 4. leaf arrangement (for broadleaf trees) 5. leaf composition (for broadleaf trees) 6. collector's name 7. collection date 8. collection location (be specific, state and county at a minimum) If a twig is included with a sample, indicate "twig included" on the label. For example, the twig may be included with an eastern red cedar sample because the leaves are very small and difficult to remove from the twig.
- **Supplemental information:** e.g. general uses, common products, fall color, etc., may be included to enhance educational value.

### D-320-003 TWIG DISPLAY

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

- **Collection:** Twig samples should be collected during the dormant season (November – April) when the buds are mature. Twig samples must be at least 6 inches long and exhibit buds. Leaves must be removed and side branches must be trimmed to less than 1 inch in length. All collection must be done by the exhibitor.
- **Mounting:** Twigs must be mounted on a display board. Any method, e.g. wire, glue, tape, staples, plastic bags, etc., may be used to mount twigs, but be sure all features can be clearly identified. The non-terminal end must be cut at a slant so the pith can be seen.
- **Labeling:** The label for each sample must include: 1. common name 2. scientific name 3. leaf arrangement (for broadleaf trees) 4. collector's name 5. collection date 6. collection location (be specific, state and county at a minimum)
- **Supplemental information:** e.g. general uses, tree characteristics, etc., may be included to enhance educational value.

#### D-320-004 SEED DISPLAY

- **Collection:** Tree seeds should be collected at the time of year when they mature, which varies widely depending upon tree species. For example, Silver maple seeds mature in May while red oak acorns do not mature until September. Seed samples should be free of insect or disease symptoms. Remember to display seeds, not fruit. For example, the seed of honeylocust is enclosed in a pod. Remove and display the seed, not just the pod. It is acceptable to display the fruit with the seed, but clearly label each. All collection must be done by the exhibitor.
- **Mounting:** Seeds may be displayed in a variety of ways, e.g. mounted on a display board, displayed in jars in a rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.
- **Labeling:** The label for each sample must include: 1. common name 2. scientific name 3. type of fruit, if known (e.g. samara, pod, nut, legume, etc.) 4. collector's name 5. collection date 6. collection location (be specific, state and county at a minimum)
- **Supplemental information:** e.g. maturity date, average number of seed in the fruit, etc., may be included to enhance educational value.

#### D-320-005 WOOD DISPLAY

The wood display must include wood samples from at least 10 different tree species.

- **Preparation:** Samples may be of any shape, e.g. sections from a board, wood cylinders turned on a lathe, horizontal or vertical cross-sections of a small log with bark attached, etc., but all samples should be the same shape, e.g. all wood cylinders or all sections of a board. Each sample can be no larger than 4 inches by 4 inches by 4 inches. Cut surfaces should be sanded to show the grain. Treating samples with a clear finish (no stain) is optional. All collection must be done by the exhibitor.
- **Mounting:** Samples may be displayed in a variety of ways, e.g. mounted on a display board, displayed in a box or rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.
- **Labeling:** The label for each sample must include: 1. common name 2. scientific name 3. wood type (softwood or hardwood) 4. collector's name 5. collection date 6. collection location (be specific, state and county at a minimum)
- **Supplemental information:** e.g. common products, wood density, etc., may be included to enhance educational value.

#### D-320-006 CROSS-SECTION

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

- **Labeling:** The following parts must be clearly and accurately labeled on the cross section with pins, paper tags, or some other form of identification: 1. Pith 2. Heartwood 3. Sapwood 4. One growth ring (beginning and end) 5. Cambium 6. Bark A separate label attached to the back of the disc must include: 7. Common name 8. Scientific name 9. Tree classification (softwood or hardwood) 10. Age (of the cross section) 11. Collector's name 12. Collection date 13. Collection location (be specific, state and county at a minimum)

#### D-320-007 PARTS OF A TREE

(This project is only for ages 8 – 11) Prepare a poster, no larger than 24 inches x 24 inches that identifies the main external parts of any tree: 1. Trunk 2. Crown 3. Roots 4. Leaves 5. Flowers 6. Fruit 7. Buds 8. Bark Identifying other internal parts, e.g. phloem, xylem, cambium, annual ring, pith, etc., is optional. Attach a separate label on the back of the poster that includes the exhibitor's name and age.

#### D-320-008 - LIVING TREE

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

- **Labeling:** A waterproof label must be attached and include: 1. common name 2. scientific name 3. seed treatments (if any) 4. planting date 5. emergence date 6. collector's name
- **Supplemental information about the tree:** e.g. where the seed was collected, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging.

#### D-320-009 – FOREST PRODUCT DISPLAY

Prepare a visual display and/or collection tracing the origin of one non-lumber product that comes from trees and/or forests. The display must be no larger than 24 inches by 22 inches by 28 inches. Photographs, drawings, samples, charts, posters, etc. can be what species of tree the product is derived from and where the product is harvested, grown, or otherwise collected. The product listed must be partially or fully derived from trees; if partial the approximate percentage should be articulated in the display.

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

### **D-320-010 – FOREST HEALTH DISPLAY**

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

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

### **D-320-011 – WILDFIRE PREVENTION POSTER**

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

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

### **D-320-012 - Sustainable Landscape Diorama**

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

Label point/nonpoint sources of pollution, carbon sequestration, water-wise practices, wildfire prevention strategies, renewable energy sources, and other conservation practices as well as at least 10 species of plants included in the diorama.

- Attach to the exhibit a brief report including supplemental information describing the diorama, defining conservation practices, and outlining opportunities for landscape improvements to enhance educational value. Supplemental information will be an important factor in judging but should not exceed three printed pages of text. Cite sources of information.

### **D-320-013 – 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 submitted 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 before planting any trees.

- Labeling: the following information about the tree must be included in the display: 1. common name 2. scientific name 3. planting location 4. planting date 5. tree source 6. planter's name 7. proper tree planting steps 8. tree care (after planting)

### **D-320-971 OTHER FORESTRY EXHIBIT**

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.



## 4-H Food Preservation Card

(Please attach this card to each item preserved.)

Name: \_\_\_\_\_ County: \_\_\_\_\_

Name of Product: \_\_\_\_\_ Date Preserved: \_\_\_\_\_

### PROCESSING METHOD (CHECK ONE):

Boiling Water Canner, indicate type of pack (check one):  raw pack OR  hot pack

Processing time: \_\_\_\_\_ Altitude: \_\_\_\_\_

Pressure Canner, indicate type of gauge (check one):  weighted gauge OR  dial gauge

Product was canned at \_\_\_\_\_ pounds pressure at \_\_\_\_\_ altitude.

Processing time: \_\_\_\_\_  packed hot OR  packed cold

Dehydration (check one):  dehydrator OR  other, please specify (i.e.: oven, solar, etc.): \_\_\_\_\_

Approximate drying time: \_\_\_\_\_

### INCLUDE INSTRUCTIONS/RECIPE:

Include instructions/recipe for product on back of this card. 4-H'ers must include the source of the recipe/instructions. 4-H members must use approved USDA recipes/instructions. Include pre-treatment for dried products.



## 4-H Food Preservation Card

(Please attach this card to each item preserved.)

Name: \_\_\_\_\_ County: \_\_\_\_\_

Name of Product: \_\_\_\_\_ Date Preserved: \_\_\_\_\_

### PROCESSING METHOD (CHECK ONE):

Boiling Water Canner, indicate type of pack (check one):  raw pack OR  hot pack

Processing time: \_\_\_\_\_ Altitude: \_\_\_\_\_

Pressure Canner, indicate type of gauge (check one):  weighted gauge OR  dial gauge

Product was canned at \_\_\_\_\_ pounds pressure at \_\_\_\_\_ altitude.

Processing time: \_\_\_\_\_  packed hot OR  packed cold

Dehydration (check one):  dehydrator OR  other, please specify (i.e.: oven, solar, etc.): \_\_\_\_\_

Approximate drying time: \_\_\_\_\_

### INCLUDE INSTRUCTIONS/RECIPE:

Include instructions/recipe for product on back of this card. 4-H'ers must include the source of the recipe/instructions. 4-H members must use approved USDA recipes/instructions. Include pre-treatment for dried products.

## Home Environment Supporting Information

Name \_\_\_\_\_ County \_\_\_\_\_

Check elements and principles used in your exhibit

**Elements of Design-** The building blocks of design.

\_\_\_ Color \_\_\_ Texture

\_\_\_ Shape/Form \_\_\_ Line \_\_\_ Space

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

\_\_\_ Rhythm/Repetition \_\_\_ Balance

\_\_\_ Emphasis \_\_\_ Unity \_\_\_ Proportion

**Steps taken to complete this exhibit:**

(Use back of card)

## Home Environment Supporting Information

Name \_\_\_\_\_ County \_\_\_\_\_

Check elements and principles used in your exhibit

**Elements of Design-**The building blocks of design

\_\_\_ Color \_\_\_ Texture

\_\_\_ Shape/Form \_\_\_ Line \_\_\_ Space

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

\_\_\_ Rhythm/Repetition \_\_\_ Balance

\_\_\_ Emphasis \_\_\_ Unity \_\_\_ Proportion

**Steps taken to complete this exhibit:**

(Use back of card)

## Home Environment Supporting Information

Name \_\_\_\_\_ County \_\_\_\_\_

Check elements and principles used in your exhibit

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# PHOTOGRAPHY DATA TAGS

## Level 1 Data Tag

Name: _____	Age: _____	County: _____
Years in Photography: _____	Years in the Current Level: _____	
Camera: _____		
	(brand make & model)	(digital or film)
Tell us about this photo (special equipment, techniques, subject, location, goals, etc.).		
_____		
_____		
Describe any edits or changes made to the picture using digital software.		
_____		
_____		
_____		

## Level 2 Data Tag

Name: _____	Age: _____	County: _____
Years in Photography: _____	Years in the Current Level: _____	
Camera: _____		
	(brand make & model)	(digital or film)
Focal Length: _____		
Type/Source of light: _____		
Tell us about this photo. Include any special equipment or techniques used.		
_____		
_____		
Describe any edits or changes made to the picture using digital software.		
_____		
_____		
_____		

## Level 3 Data Tag

Name: _____	Age: _____	County: _____
Years in Photography: _____	Years in the Current Level: _____	
Camera: _____		
	(brand make & model)	(digital or film)
Focal Length: _____	Shutter Speed: _____	F Stop: _____ ISO: _____
Type/Source of light: _____		
Identify advanced equipment, techniques, or manual adjustments used to capture this image.		
_____		
_____		
Tell us about this photo.		
_____		
_____		
Describe any edits or changes made to the picture using computer software.		
_____		
_____		
_____		