



**EXTENSION**

Cass County | 8400 144<sup>th</sup> Street, Suite 100 | Weeping Water, NE 68463 | 402-267-2205 | <http://cass.unl.edu>



**2018**

**Cass County**

**4-H**

**Premium**

**Book**



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# 2018 Cass County Fair 4-H Schedule

## PRE-FAIR

June 1 Livestock DNA Envelopes & ID Sheets for State Fair & Ak-Sar-Ben are due  
 June 15 Cass County Livestock ID Sheets Due  
 July 15 Pre-entry for Livestock for County Fair  
 July 28 Shooting Sports Contest (Rifle, Shotgun, Archery), PRSP  
 Aug 2 Clothing Check-In; Clothing, Modeling and Interview Clothing Judging (Thursday)  
 8:30 a.m.  
 TBD Tractor Driving Workshop and Contest  
 August 4 Livestock Buildings, 4-H Building, and Grounds Clean-up 9 a.m.

## SUNDAY, AUGUST 5

4-6 p.m. Entry of all 4-H Exhibits except Livestock, Rabbits, Poultry, Small Animals & Clothing

## MONDAY, AUGUST 6

8:00 a.m. Judging to begin in all divisions (except Livestock, Rabbits, Poultry, Small Animals, and Clothing)  
 8:00 - 10 a.m. Enter 4-H Flowers & Vegetables (can be entered Sunday night)  
 11:00 a.m. Table Setting Contest  
 1:00 p.m. County 4-H Presentation Contest  
 5:00 p.m. 4-H Air Rifle/BB Gun Contest  
 6:00 pm Cat and Small Animal check-in (will be released immediately after the show)  
 6:30 pm. 4-H Cat and Small Animal Show

## TUESDAY, AUGUST 7

7:30 a.m. Dog Show (By Open Air Auditorium) This includes Clover Kids Dog Show  
 5:00p.m. All Sheep/Goats must be on the Fairgrounds  
 5:00 p.m. Weigh in Meat Goats  
 5:00-6:30 p.m. Check in Sheep (Breeding ewes must be checked in at the table after Market Lambs weigh)  
 6:30 p.m. Cake Auction / Awards Presentation at the Open Air Auditorium). Bidding begins for the Quilt Silent Auction in the 4-H Bldg.  
 10 a.m.-9 p.m. Swine arrive and notches checked  
 8:00-10:30 p.m. Enter Rabbits & Poultry - 4-H and Open Class

## WEDNESDAY, AUGUST 8

7:00-9:00 a.m. Swine weigh in and Hog Scanning for Carcass Contest (4-H Member or

family member must be with pigs when weighed)  
 7:00 a.m. All Dairy Goats and Dairy Cattle in place on fairgrounds.  
 8:00 a.m. 4-H Horse Show (Horse Arena)  
 8:00 a.m. Dairy Cow, Dairy Goat and Meat Goat (Dairy Goats & Dairy Cows in milk may be released after the show)  
 Sheep Show  
 1:00 p.m. Check in Feeder Calves  
 2:00 p.m. Feeder & Bucket Calf Show (Bucket calves arrive by 4:00 p.m. and are released after the show. Feeder Calves may stay.)  
 4:30 p.m.

## THURSDAY, AUGUST 9

8:45 a.m. Poultry Check-in (arrive Tuesday)  
 9:00 a.m. Poultry Showmanship - 4-H & Open Class  
 8:00 a.m. Swine Show  
 8:00 a.m. Market Beef and Breeding Beef need to be at Fairgrounds  
 10:00 a.m. Market Beef weigh-in/Breeding Heifer check-in  
 7:00 p.m. 4-H Fashion Show and Performing Arts Contest in the Open Air Auditorium.

## FRIDAY, AUGUST 10

8:00 a.m. Market & Breeding Beef Show  
 9:00 a.m. Rabbit Show (Arrive Tuesday evening)  
 4-H Showmanship and 4-H Rabbit Show followed by Open Class Rabbit Show  
 Horse Judging Contest, Arena  
 Round Robin Contest  
 12:30 p.m.  
 4:00 p.m.

## SATURDAY, AUGUST 11

7:30 a.m. Dog Show Agility Portion (west of Expo Building)  
 9:00 a.m. Livestock Judging Contest, register at 8:30 a.m.  
 2:00 p.m. 4-H Livestock Premium Sale  
 6:00 p.m. Parade - Horses, Dairy and Beef animals welcome in the parade  
 7:30 p.m. Horse 4-H Fun Night (Horse Arena)  
 8:00pm Silent Auction ends for Quilts in 4-H Building, winners announced.  
 10:00 p.m. Release all static exhibits in 4-H Building, Horses, Rabbits, Poultry. Rabbits and Poultry will not have a Sunday release.  
 \*\*\*No Livestock leaves Saturday Night

## SUNDAY, AUGUST 12

6:00 a.m. - 9:00a.m. Continue Release of Horses and other Animals  
**No Sunday release of Rabbits and Poultry. \*\*If pens and stalls are left unclean, exhibitor checks 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

Brett Kreifels, Extension Educator & Unit Leader  
 Tracy Ensor, Extension Assistant  
 Sondra Buell, Office Manager

The office is located at:

8400 144<sup>th</sup> Street, Suite 100  
 Weeping Water, NE 68463-1932  
 Phone: 402 267-2205 Fax: 402 267-5375  
 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	Doug Wehrbein, Plattsmouth
Vice-Chair	Lexi Penke, Weeping Water
Secretary	Morgan Mills, Weeping Water
Treasurer	Diane Mills, Weeping Water

## GENERAL 4-H RULES

All 4-H exhibits to be entered Sunday, August 5 from 4:00 to 6:00 p.m., except rabbits, poultry, small animals and clothing (clothing is entered on Thursday, August 2). Flowers and vegetables may be entered Sunday evening or Monday morning from 8 to 10 a.m. **Livestock, Horse, Small Animals, Rabbits, Poultry, Dogs, Fashion Show, and Music Contest entries must be pre-entered by July 15th.** No individual may enter more than one exhibit in the same class **unless otherwise stated** or enter any article for more than one premium except for livestock. 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 11, 10 p.m. for projects including those in the 4-H Building, rabbits, poultry, and small animals not in the premium sale. On Sunday, August 12, livestock will be released after the barn is cleaned and all stalls are cleaned.

Reminder: checks will be held for those exhibitors who do not clean their pens, stalls and aisles.

- All 4-H members who are enrolled in the project in the **4-H Online** Program in the County Extension Office by May 1 will be permitted to take part in County Fair competition.
- **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. Items with SF in front of the Class number are eligible for selection for State Fair exhibit. **Those exhibits with 900 or larger class numbers are county only.**
- Entries must meet specified entry requirements.
- In State Fair classes where presence of the 4-Her is required for judging purposes such as animal exhibits, judging contests, presentations, and Fashion Show; a 4-H member must have reached his/her 10<sup>th</sup> birthday but not have passed his/her 18th 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, Rabbit, and Tractor Driving 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.

Premium Scale				
	Purple	Blue	Red	White
1.	\$11.00	\$9.00	\$7.00	\$5.00
2.	\$5.00	\$4.00	\$3.00	\$2.00
3.	\$4.00	\$3.00	\$2.50	\$2.00
4.	\$3.00	\$2.50	\$2.00	\$1.50
5.	\$2.50	\$2.00	\$1.50	\$1.25
6a.	\$1.50	\$1.25	\$1.00	\$.75
6b.	\$1.50	\$1.00	\$.50	\$.00
7.	Participation \$1.00			
8.	Photography for Fun \$1.25			
9.	Clover Kids - \$0.00			

**Entry Tag Colors:**

**Pink:** Static Exhibits (Exhibits displayed in the 4-H Building)

**SF before Class denotes exhibits eligible to be selected for State Fair. All Classes 900 or above will not advance to the State Fair.**

## 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.

## 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 7, 6:30 p.m., Fairgrounds Open Air Auditorium

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
3. **Please....no pre-made mixes or purchased baked items – all items must be made from scratch**
4. 4-Her must be present at Auction to walk across stage with their baked item.
5. 4-Her receives ½ the price of the auctioned item, 4-H Council receives the other ½.
6. 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.
7. Pre-register to the Extension Office by Sunday, August 5. Include the following information:
  - name, address, email and phone number
  - parent's name
  - club name
  - name of baked items
8. Minimum bid is \$5
9. Baked items must be entered between 5:30 and 6:00 p.m. Tuesday, August 7 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 all efforts will be made to keep items in biddable condition.
10. No items entered for judging on Sunday, August 5, 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.
11. 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.
12. **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 as part of the Cass County Fair.**

## 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), 4 market hogs if one is purebred hog, 3 market lambs, 3 breeding ewes, (no more than 2 lambs, yearlings or aged), 1 ram lamb, 3 dairy animals, 4 rabbits, 3 poultry per class, 6 dairy goats (does only), 3 meat goats (any combination of market and breeding) and 3 dogs. 4-Hers and Clover Kids may exhibit only 1 bucket calf.
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 <https://yqca.learnrow.io>, or have completed a face-to-face training. Completion of training will be certified by county extension 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 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. A 4-H exhibitor is to do his/her own grooming of animals and may be assisted by only members of his/her immediate family or other Cass County 4-H exhibitors. Artificial hair may not be used on calves.
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 placing.
10. Exhibitors furnish own livestock bedding except for beef animals. Sheep, goat, and swine areas must use wood chips for bedding. **NO STRAW ALLOWED** in sheep, goat and swine areas.
11. All livestock must be pre-entered by **July 15**. Stall reservations are also due **July 15** 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 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 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.
16. All fans will be attached to the divider tie rails. No fans in rear of animals regardless of equipment.
17. All "meat breed" breeding sheep must be slick shorn within 7 days of the show.
18. Breeding heifers are not to be released after the show.
19. Breeding ewes are not to be released after the show, unless space is unavailable.
20. Animals not being exhibited at the fair should not be present on fair grounds unless prior arrangements have been made with the Extension office.

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

Superintendent Dennis Heim

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-83-980 and G-83-981) 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 310 lbs.
Meat Goats	45 lbs.

9. A charge of \$7 per head for cattle, \$5 per head for sheep, meat goats, swine, and rabbits will be assessed in order 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:

2018	2019	2020
Swine	Sheep	Beef
Sheep	Beef	Swine
Beef	Swine	Sheep
Meat Goats	Meat Goats	Meat Goats
Rabbits	Rabbits	Rabbits

13. All swine must meet minimum weight requirement of 225 pounds to be eligible for direct ship. All direct ship hogs will be tattooed by Hormel. Those exhibitors with direct ship hogs will need a copy of YQCA Completion Certificate and a Premise ID number. To obtain your Premise ID number (this is based on where your pigs are located) call 1-800-572-2437. You will need the following information:
  - Address where the mail is received (business address)
  - Address where the animals are if different from above
  - If no address is available; driving directions from the nearest highway or GPS coordinates
  - Contact names
  - Contact phone numbers
  - E-mail address (optional)
14. The sheet on the following page must be filled out by those 4-Hers intending to direct ship their hogs.



# Exhibitor Swine Affidavit

## ANIMAL CARE & MANAGEMENT DISCLOSURE STATEMENT:

As a livestock exhibitor, I understand that I have an obligation to be a responsible producer. All market animals in the shipment will enter the food chain and become edible food products for the consuming public. This subjects every animal to all state and federal regulations involving proper drug usage and all Food & Drug Administration, Animal Plant Health Inspection Service, Food Safety Inspection Service, and Environmental Protection Agency regulations.

- We or I, the undersigned, certify that we or I have read, understand, and will abide by all rules and regulations of the livestock show. Also, as a condition of entry, exhibitor agrees to a background check for any past disqualification from other livestock shows.
- We or I certify that all necessary withdrawal periods have been satisfied for any medications and pesticides (injectable, water, feed, or topical based), or any other substances that has been administered to animals in this shipment. Use of these products may require additional time to meet legal withdrawal limits before harvest. I have maintained appropriate Treatment Records as a Good Production Practice.
- We or I certify that animals in this shipment have not received drugs that are not in compliance with label indications or, if applicable, the requirements of the regulations codifying the Animal Medicinal Drug Use Clarification Act amendment to the Federal Food, Drug, and Cosmetic act (under the direction of a valid Veterinary/Client/Patient relationship).
- Exhibitor agrees to the condition that all animals in this shipment may be screened for violative residues and foreign substances. If violations are detected, appropriate state and federal authorities will be notified, and regulatory action can be expected. Also exhibitors will be subjected to penalties as determined by show management and/or Hormel Foods.
- We or I certify Premises ID number(s) provided is the location(s) the animals in this shipment were housed prior to arriving at the show.
- The exhibitor has an active/current PQA Plus certification, Youth PQA Plus certification, or state-sponsored livestock QA training. A copy of the Quality Training certification is attached.
- We or I certify that animals in this shipment are not clones nor are offspring of cloned parents.
- We or I certify that animals in this shipment were born and raised exclusively in the United States.
- We or I further certify the information provided is correct and accurate, and that we have read and understand these regulations and may be relied upon by any person or entity accepting these animals for harvest.

Exhibitor Name			
	print	signature	date
Address			
	print	signature	date
Parent / Guardian Name			
	print	signature	date

NAIS Premises ID Number: \_\_\_\_\_ State \_\_\_\_\_ County \_\_\_\_\_

Tag # or Ear Notch									
TATTOO									

## HERDSMANSHIP

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

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

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

Co-Superintendents Jessica Vallery & Matt Hammer  
Friday, 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.

Awards		
Champion	Cash Award & Chair	Sponsored By: Matt & Rallyn Hammer
Reserve	Cash Award	Sponsored By: Matt & Rallyn Hammer

# Animals

## -Livestock-

### 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.**

### DIVISION 20 - FEEDER CALF SHOWMANSHIP

Premium 1

V-20-973 FEEDER, SENIOR (15 years and older)

V-20-974 FEEDER, INTERMEDIATE (ages 12-14)

V-20-975 FEEDER, JUNIOR (ages 8-11)

### DIVISION 20 - 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 shoulder height. No bulls will be allowed in feeder calf classes. Calves must be identified with an ear tag and recorded with the Extension Office by **June 15**. Feeder Calves should be on the fairgrounds by 1:00 p.m. on Wednesday, **August 8**. 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

### BUCKET CALF (Regular 4-H Members)

### DIVISION 40 - BUCKET CALF

Premium 2

V-40-990 BUCKET CALF - REGULAR 4-H MEMBERS (Juniors)

1. 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.
2. This class is limited to 4-H members who are age 8-11 on January 1.
3. 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**.
4. Each 4-H member may show only one bucket calf.
5. 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 bulls will be allowed. Select a calf born between January 1 and June 15 of the current year.

6. 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 4:00 p.m. Wednesday, **August 8**. 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.
7. 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.

**Show order will be:** 1) Clover Kid Bucket Calves  
2) Bucket Calves  
3) Feeder Calf Showmanship  
4) Feeder Calves  
5) Cow-Calf

### DIVISION 66 - COW-CALF

V-66-995 COW- CALF CLASS -- 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. Cows and calves must be identified on 4-H livestock ID sheets by **June 15**. Calves must be identified with a 4-H tag purchased from the Extension Office.

### BREEDING HEIFERS

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.

1. Angus Heifers – Must be registered in the American Angus Association.
2. 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.
3. Chianina Heifers – Must be registered in the American

Chianina Association. Includes Chiangus, Chianina, Chiford, or Chimaine.

4. Gelbvieh Heifers – Must be registered in the American Gelbvieh Association.
5. Hereford and Polled Hereford Heifers – Must be registered with the American Hereford Association.
6. Limousin Heifers – Must be registered with the North American Limousin Foundation.
7. Maine Anjou Heifers – Must be registered with the American Maine-Anjou Association and must be ¾ blood and above. Chimaine are not accepted.
8. Red Angus Heifers – Must be registered with the Red Angus Association of America.
9. Shorthorn Heifers – Must be registered with the American Shorthorn Association and must be 15/16 registered purebreds.
10. Simmental Heifers – Must be registered with the American Simmental Association and must be ½ blood or higher (can be non-Simmental sired).

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 am on Thursday, **August 9**. All divisions are Premium 1.

### Breeding Heifers Division & Class Definitions & Numbers

			YEARLING HEIFERS	YEARLING HEIFERS	YEARLING HEIFERS	YEARLING HEIFERS	HEIFER CALVES	HEIFER CALVES	SPRING HEIFER CALVES
			Jan and Feb 2017	Mar and April 2017	May and June 2017	July and August 2017	Sept and Oct 2017	Nov and Dec 2017	Jan to April 2018
<b>DIVISION</b>	<b>52</b>	<b>ANGUS</b>	V-52-10	V-52-20	V-52-30	V-52-40	V-52-50	V-52-60	V-52-70
<b>DIVISION</b>	<b>53</b>	<b>CHAROLAIS</b>	V-53-10	V-53-20	V-53-30	V-53-40	V-53-50	V-53-60	V-53-70
<b>DIVISION</b>	<b>54</b>	<b>CHIANIA</b>	V-54-10	V-54-20	V-54-30	V-54-40	V-54-50	V-54-60	V-54-70
<b>DIVISION</b>	<b>55</b>	<b>COMMERCIAL</b>	V-55-10	V-55-20	V-55-30	V-55-40	V-55-50	V-55-60	V-55-70
<b>DIVISION</b>	<b>56</b>	<b>GELBIEH</b>	V-56-10	V-56-20	V-56-30	V-56-40	V-56-50	V-56-60	V-56-70
<b>DIVISION</b>	<b>57</b>	<b>HEREFORD</b>	V-57-10	V-57-20	V-57-30	V-57-40	V-57-50	V-57-60	V-57-70
<b>DIVISION</b>	<b>58</b>	<b>LIMOUSIN</b>	V-58-10	V-58-20	V-58-30	V-58-40	V-58-50	V-58-60	V-58-70
<b>DIVISION</b>	<b>59</b>	<b>MAINE ANJOU</b>	V-59-10	V-59-20	V-59-30	V-59-40	V-59-50	V-59-60	V-59-70
<b>DIVISION</b>	<b>60</b>	<b>SHORTHORN</b>	V-60-10	V-60-20	V-60-30	V-60-40	V-60-50	V-60-60	V-60-70
<b>DIVISION</b>	<b>61</b>	<b>SIMMENTAL</b>	V-61-10	V-61-20	V-61-30	V-61-40	V-61-50	V-61-60	V-61-70
<b>DIVISION</b>	<b>62</b>	<b>OTHER</b>	V-62-10	V-62-20	V-62-30	V-62-40	V-62-50	V-62-60	V-62-70

#### **DIVISION 70 - BEEF SHOWMANSHIP**

Premium 1

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

V-70-970 SENIOR, 15 years and older

V-70-971 INTERMEDIATE, ages 12-14

V-70-972 JUNIOR, ages 8-11

V-70-986 MARKET HEIFERS

V-70-987 MARKET STEERS

V-70-988 CLUB GROUP OF 3 - Each club may enter one group of 3 Market Beef animals owned by 3 different members. The club will be the unit of award.

#### **DIVISION 70 - MARKET BEEF**

Market classes will be divided into divisions and classes by weight. Market Beef should be on the fairgrounds by 8:00 a.m. Thursday, **August 9**. Market Beef with horns over 2 inches long will not be allowed to show. Market beef animals must be weighed in at the Cass County weigh-in to be eligible for the champion rate of gain trophy and receive a rate of gain premium.

### **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, **2018**, 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

Q-40-971 SENIOR, 15 years and older  
 Q-40-972 INTERMEDIATE, ages 12-14  
 Q-40-973 JUNIOR, ages 8-11

### DIVISION 40 - CLUB GROUP

Q-40-975 CLUB GROUP OF 3 - 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. Different breeds are encouraged.

DIVISION & CLASS DEFINITIONS & NUMBERS							
		DIVISION 41	DIVISION 42	DIVISION 43	DIVISION 44	DIVISION 45	DIVISION 46
		Ayrshire	Swiss	Brown Guernsey	Holstein	Jersey	Milking Shorthorn
Spring Heifer Calves	3-1-18 to 4-30-18	Q-41-10	Q-42-10	Q-43-10	Q-44-10	Q-45-10	Q-46-10
Winter Heifer Calves	12-1-17 to 2-28-18	Q-41-20	Q-42-20	Q-43-20	Q-44-20	Q-45-20	Q-46-20
Fall Heifer Calves	9-1-17 to 11-30-17	Q-41-30	Q-42-30	Q-43-30	Q-44-30	Q-45-30	Q-46-30
SUMMER YEARLING	6-1-17 to 8-31-17	Q-41-40	Q-42-40	Q-43-40	Q-44-40	Q-45-40	Q-46-40
SPRING YEARLING	3-1-17 to 5-31-17	Q-41-50	Q-42-50	Q-43-50	Q-44-50	Q-45-50	Q-46-50
WINTER YEARLING	12-1-17 to 2-28-17	Q-41-60	Q-42-60	Q-43-60	Q-44-60	Q-45-60	Q-46-60
FALL YEARLING	9-1-16 to 11-30-17	Q-41-70	Q-42-70	Q-43-70	Q-44-70	Q-45-70	Q-46-70
DRY COW	Any Age	Q-41-80	Q-42-80	Q-43-80	Q-44-80	Q-45-80	Q-46-80
2 YR. OLD	9-1-15 to 8-31-16	Q-41-90	Q-42-90	Q-43-90	Q-44-90	Q-45-90	Q-46-90
3 YR. OLD	9-1-14 to 8-31-15	Q-41-100	Q-42-100	Q-43-100	Q-44-100	Q-45-100	Q-46-100
4 YR. OLD	9-1-13 to 8-31-14	Q-41-110	Q-42-110	Q-43-110	Q-44-110	Q-45-110	Q-46-110
5+ YR. OLD	Prior to 9-1-13	Q-41-120	Q-42-120	Q-43-120	Q-44-120	Q-45-120	Q-46-120
JR. HERDS		Q-41-130	Q-42-130	Q-43-130	Q-44-130	Q-45-130	Q-46-130

#### NOTE:

- Animals born after April 30, 2018 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 (3/1/16 to 8/31/16) AND Senior Two Year Olds – Must have freshened (9/1/15 to 2/29/16)
- When there are enough Three Year Olds, the class could be split into: Junior Three Year Olds - Must have freshened (3/1/15 to 8/31/15) AND Senior Three Year Olds – Must have freshened (9/1/14 to 2/28/15)

Animals born after 8-31-16 that have calved must be shown as two-year-olds. Dairy Junior Herd score sheet must be filled in and turned in to the Dairy Superintendent by Wednesday noon. Failure to do so will disqualify the herd. Score sheets may be obtained at the County Extension office. Breed champions must have 4 in a breed.

### DEPARTMENT P DAIRY GOAT

Superintendent Gary Stander  
 Assistant Superintendent Geoffrey Edwards

No horns allowed. Goats must be the property of exhibitors to be eligible. **Dairy goats need to be in their pens on the fairgrounds by 7:00 a.m. Wednesday. Only does may be shown in the dairy goat show. Dairy Goats in milk will be released after the show.** All divisions paid Premium 2.

### DIVISION 50 - DAIRY GOAT SHOWMANSHIP

P-50-971 SENIOR, 15 years and older  
 P-50-972 INTERMEDIATE, ages 12-14  
 P-50-973 JUNIOR, ages 8-11

### DIVISION 55 - DAIRY GOATS – All dairy goat breeds will show together by age.

P-55-10 UNDER FIVE MONTHS  
 P-55-20 FIVE MONTHS & UNDER EIGHT MONTHS  
 P-55-30 EIGHT MONTHS TO UNDER ONE YEAR  
 P-55-40 1 YEAR TO 2 YEAR - NON-MILKING DOE  
 P-55-50 UNDER 2 YEARS - MILKING DOE  
 P-55-60 2 AND 3 YEARS - MILKING DOE  
 P-55-70 4 YEARS AND OVER - MILKING DOE  
 P-55-80 JUNIOR HERD (three animals bred by exhibitor, at least one in milk)  
 P-55-90 DAM AND DAUGHTER (One pair per exhibitor)

### DEPARTMENT 0 MEAT GOATS

Co Superintendents Geoffrey Edwards & Gary Stander

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 three head total (any combination of market and breeding). 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. Goat's hair must be uniformly, slick shorn with three-eighths inch of hair or less from the knee up. Goats are to be shown with 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 p.m. on Tuesday, *August 7<sup>th</sup>*. All divisions paid Premium 2.

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

O-90-981 SENIOR, 14 years and older  
O-90-982 JUNIOR, ages 8-13

### **DIVISION 92 - MEAT GOAT**

O-92-986 MARKET GOAT

### **DIVISION 94 - BREEDING DOE**

O-94-993 YEARLING DOES - Does kidded during *2017*  
O-94-994 ADULT DOES - Does kidded in *2016* or earlier

### **DEPARTMENT W OTHER 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.

### **DIVISION 95 – PYGMY**

W-95-010 PYGMY (UNDER 1 YEAR) DOES OR WETHERS  
W-95-020 PYGMY (OVER 1 YEAR) DOES  
W-95-030 PYGMY (OVER 1 YEAR) WETHERS

### **DIVISION 96 – ANGORA**

W-96-010 ANGORA (UNDER 1 YEAR) DOES OR WETHERS

W-96-020 ANGORA (OVER 1 YEAR) DOES  
W-96-030 ANGORA (OVER 1 YEAR) WETHERS

### **DIVISION 97 – FAINTING/MYOTONIC**

W-97-010 FAINTING/MYOTONIC (UNDER 1 YEAR) DOES OR WETHERS  
W-97-020 FAINTING/MYOTONIC (OVER 1 YEAR) DOES  
W-97-030 FAINTING/MYOTONIC (OVER 1 YEAR) WETHERS

### **DIVISION 98 - OTHER**

W-98-010 OTHER (UNDER 1 YEAR) DOES OR WETHERS  
W-98-020 OTHER (OVER 1 YEAR) DOES  
W-98-030 OTHER (OVER 1 YEAR) WETHERS

### **DIVISION 99 – GOAT SHOWMANSHIP**

W-99-010 JUNIOR OTHER GOAT SHOWMANSHIP  
W-99-020 INTERMEDIATE OTHER GOAT SHOWMANSHIP  
W-99-030 SENIOR OTHER GOAT SHOWMANSHIP

### **DEPARTMENT R HORSES**

Superintendent Tim and Tina Beck  
Assistant Superintendents Chris & Julie Kopf

### **DIVISION 36 - HORSES**

Premium 2

R-36-1 Aged Geldings at Halter (6 years and older)  
R-36-2 Aged Mares at Halter (6 years and older)  
R-36-3 Junior Mares and Geldings at Halter (5 and under)  
R-36-4 Pony's At Halter (all ages)  
R-36-5 Senior Showmanship, ages 15 and older  
R-36-6 Intermediate Showmanship, ages 12-14  
R-36-7 Junior Showmanship, ages 8-11  
R-36-8 Open Novice Showmanship  
R-36-9 Senior English Pleasure, ages 14 and older  
R-36-10 Junior English Pleasure, ages 13 and younger  
R-36-11 Open Novice English Pleasure (Walk, Trot)  
R-36-12 Senior English Equitation, ages 14 and older  
R-36-13 Junior English Equitation, ages 13 and younger  
R-36-14 Open Novice English Equitation (Walk, Trot)  
R-36-15 Senior Western Pleasure, horses, riders ages 15 and older  
R-36-16 Intermediate Western Pleasure, horses, riders ages 12 to 14  
R-36-17 Junior Western Pleasure, horses, riders ages 8 to 11  
R-36-18 Open Novice Western Pleasure (Walk, Trot)  
R-36-19 Senior Horsemanship, riders ages 15 and older  
R-36-20 Intermediate Horsemanship, riders ages 12-14  
R-36-21 Junior Horsemanship, riders ages 8-11  
R-36-22 Open Novice Western Horsemanship (Walk, Trot)

- R-36-23 Senior Poles, ages 15 and older
- R-36-24 Intermediate Poles, ages 12-14
- R-36-25 Junior Poles, ages 11 and younger
- R-36-26 Senior Barrels, ages 15 and older
- R-36-27 Intermediate Barrels, ages 12-14
- R-36-28 Junior Barrels, ages 11 and younger
- R-36-29 Senior Keyhole, ages 15 and older
- R-36-30 Intermediate Keyhole, ages 12-14
- R-36-31 Junior Keyhole, ages 11 and younger
- R-36-32 Senior Kegs, ages 15 and older
- R-36-33 Intermediate Kegs ages 12-14
- R-36-34 Junior Kegs, ages 11 and younger
- R-36-35 Senior Flag Race, ages 15 and older
- R-36-36 Intermediate Flag Race, ages 12- 14
- R-36-37 Junior Flag Race, ages 8- 11
- R-36-38 Senior Trail, ages 15 and older
- R-36-39 Intermediate Trail, ages 12-14
- R-36-40 Junior Trail, ages 11 and younger
- R-36-41 Senior Ranch Riding, ages 15 and older
- R-36-42 Intermediate Ranch Riding, ages 12-14
- R-36-43 Junior Ranch Riding, age 11 and younger

Participant must have passed Horsemanship Level I to enter any event. 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 and classes 1, 2, and 3 will not apply towards the High Point Award.

Horse Riding Area: Horses and riders must stay north and east 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.**

## DEPARTMENT T SHEEP

Superintendent Arland Schroder  
Assistant Superintendent Judy Wehrbein and Geoffrey Edwards

Market sheep weigh in from 5:00 pm - 6:00 pm with breeding check-in directly following on Tuesday, **August 7**. 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

**Ram Lambs cannot be used in showmanship classes.**

- T-30-971 SENIOR, 15 years and older
- T-30-972 INTERMEDIATE, ages 12-14
- T-30-973 JUNIOR, ages 8-11

### 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

- T-32-970 SOUTHDOWN
- T-32-974 CHEVIOT
- T-32-975 HAMPSHIRE
- T-32-976 SUFFOLK
- T-32-977 OTHER BREEDS
- T-32-978 CROSSBREED

### DIVISION 32 - BREEDING YEARLING EWES

- T-32-971 SOUTHDOWN
- T-32-979 CHEVIOT
- T-32-980 HAMPSHIRE
- T-32-981 SUFFOLK
- T-32-982 OTHER BREEDS
- T-32-983 CROSSBREED

### DIVISION 32 - AGED BREEDING EWES

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

- T-32-972 SOUTHDOWN
- T-32-984 CHEVIOT
- T-32-985 HAMPSHIRE
- T-32-986 SUFFOLK
- T-32-987 OTHER BREEDS
- T-32-988 CROSSBREED

### DIVISION 32 - RAM LAMB (Ram may not be kept on Fairgrounds)

- T-32-973 SOUTHDOWN
- T-32-989 CHEVIOT
- T-32-990 HAMPSHIRE
- T-32-991 SUFFOLK

T-32-992 OTHER BREEDS  
T-32-993 CROSSBREED

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

T-31-994 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-31-995 PEN OF THREE MARKET LAMBS - all must be shown as individuals  
T-31-996 CLUB GROUP OF THREE - Each club is eligible to enter one pen of three Market Lambs owned by three different club members.

## **DEPARTMENT S SWINE**

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

- **Swine must be at the fairgrounds Tuesday, 10a.m. - 9 p.m.**
- **Swine Weigh-in is Wednesday from 7:00-9:00 a.m.**
- 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.
- **Hogs weighing 225 - 310 lbs.** will be eligible for Champion.
- All hogs will be shipped together. There will be no early releases.
- All swine signed up to direct ship will be loaded out last Sunday morning.
- 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 property of exhibitor.
- Hogs should not be fed in the wash racks.
- Swine must be shown without hairdressing compounds (water is the only substance permitted).
- All swine must remain in their pens until 11 am on Sunday.
- All swine during this time must be fed and watered.

- 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.
- YQCA requirement takes the place of PQA requirement for showing and Hormel requirements

All divisions paid Premium 2.

### **DIVISION 35 - SWINE SHOWMANSHIP**

S-35-971 SENIOR, 15 years and older  
S-35-972 INTERMEDIATE, ages 12-14  
S-35-973 JUNIOR, ages 8-11

### **DIVISION 40 - MARKET SWINE**

S-40-974 CROSSBRED MARKET GILTS  
S-40-975 PUREBRED MARKET GILTS – 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.

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

S-40-976 CROSSBRED MARKET BARROWS  
S-40-977 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.

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

S-40-978 PEN OF THREE - must be owned by one exhibitor  
S-40-979 CLUB GROUP OF THREE - Each club is eligible to enter one pen of three Market Swine owned by three different club members.

### **CARCASS CONTEST**

Premium 2

All swine will be scanned after weigh in for the Carcass Contest. Live weight must be between 225 and 310 lbs. to be eligible for a purple ribbon. \$2/head charge for scanning. The top scanned carcasses will receive a cash award. No entry tag is necessary.

# Animals

## -Small Animal-

### DEPARTMENT U CATS

Co-Superintendent Jean Thomassen, Kim Scholting  
Assistant Superintendents Harold Thomassen, Carol  
Thomassen

**All cats must be immunized with Distemper, Rabies, and Upper Respiratory vaccines and be on a leash. Limit two per species.** Animals must be pre-entered by July 15<sup>th</sup>. 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. Cats check-in at 6:00 p.m. and go home immediately following the cat show which starts at 6:30 p.m. on Monday.

#### **DIVISION 66 - CAT SHOWMANSHIP**

Premium 6a

- U-66-971 SENIOR, 15 years and older
- U-66-972 INTERMEDIATE, ages 12-14
- U-66-973 JUNIOR, ages 8-11

#### **DIVISION 65 - CAT**

Premium 6a

- U-65-974 CATS
- U-65-975 CAT POSTER - 14"x 22" either vertical or horizontal arrangement showing any subject matter relating to cats.

### DEPARTMENT U POULTRY

Co-Superintendents Jean Thomassen and Kim Scholting  
Assistant Superintendents Harold Thomassen and Carol  
Thomassen

Animals must be pre-entered by July 15<sup>th</sup>. **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 evening, poultry will be released 10:00 p.m. Saturday night. There will be no Sunday release of poultry. Poultry check-in will be at 8:45 a.m. on Thursday, with poultry showmanship beginning at 9:00 am.

**Entry tag must list breed of each bird. A 4-Her is limited to 3 poultry per class.** 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 no longer 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 71 - SHOWMANSHIP**

Premium 6a

- U-71-971 SENIOR, 15 years and older
- U-71-972 INTERMEDIATE, ages 12-14
- U-71-973 JUNIOR, ages 8-11

#### **DIVISION 72 - STANDARD SIZE CLASSES:**

Premium 6a

- U-72-974 COCKEREL
- U-72-975 PULLET
- U-72-976 COCK
- U-72-977 HEN
- U-72-978 PEN (broilers)
- U-72-979 PEN (egg production)
- U-72-980 CHICKS
- U-72-981 TRIO

#### **DIVISION 73 - BANTAM CLASSES:**

Premium 6a

- U-73-982 COCKEREL
- U-73-983 PULLET
- U-73-984 COCK
- U-73-985 HEN
- U-73-986 CHICKS

#### **DIVISION 74 - OTHER POULTRY CLASSES:**

Premium 6a

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-74-974 YOUNG TOM TURKEY (1 year or younger)
- U-74-975 TOM TURKEY (over 1 year old)
- U-74-976 YOUNG HEN TURKEY (1 year or younger)
- U-74-977 HEN TURKEY (over 1 year old)
- U-74-978 YOUNG GANDER (1 year or younger)
- U-74-979 GANDER (over 1 year old)
- U-74-980 YOUNG GOOSE (1 year or younger)
- U-74-981 GOOSE (over 1 year old)
- U-74-982 YOUNG DRAKE (1 year or younger)
- U-74-983 DRAKE (over 1 year old)
- U-74-984 YOUNG DUCK (1 year or younger)
- U-74-985 DUCK (over 1 year old)
- U-74-986 PIGEON
- U-74-987 DUCKLINGS
- U-74-988 GUINEA
- U-74-989 HEN GUINEA

## **DIVISION 70 – EGGS**

Premium 5

1. Eggs are an exhibit of the club member's selection ability. See class description for limits per exhibitor.
2. Eggs will be judged for interior quality, uniformity of weight, size and shape, shell texture and cleanliness of shell.
3. Do not refrigerate eggs before judging.

- U-70-SF20 WHITE EGGS – 1 DOZEN
- U-70-SF21 BROWN EGGS – 1 DOZEN
- U-70-SF22 OTHER COLORED EGGS – 1 DOZEN

COUNTY-ONLY CLASSES:

- U-70-930 WHITE EGGS – ½ DOZEN
- U-70-931 BROWN EGGS – ½ DOZEN
- U-70-932 OTHER COLORED EGGS – ½ DOZEN

## **DIVISION 76 - EMBRYOLOGY**

Premium 5

**Enter these items in the General Areas Engineering Division the 4-H Building on Sunday, from 4:00-6:00 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-76-970 INCUBATION POSTER - 14" x 22" showing the story of incubating to hatching.
- U-76-971 EMBRYOLOGY STORY - up to 500 words long about your embryology project.

## **DEPARTMENT U SMALL ANIMALS**

Superintendent Jean Thomassen

Assistant Superintendents Harold Thomassen, Carol Thomassen, and Kim Scholting

**Limit two per species.** Animals must be pre-entered by July 15<sup>th</sup>. 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. Small animals check-in at 6:00 p.m. and go home immediately following the small animal show which starts at 6:30 p.m. on Monday.

## **DIVISION 69 - SMALL ANIMAL SHOWMANSHIP**

Premium 6a

Small Animal Showmanship: **Judging of the 4-Her and their animal.** 4-Hers should be prepared to answer questions after their presentation: Examples: What do you feed your pet? What shots does your pet need? How do you groom your pet? etc.

- U-69-971 SENIOR, 15 years and older
- U-69-972 INTERMEDIATE, ages 12-14
- U-69-973 JUNIOR, ages 8-11

## **DIVISION 68 - SMALL ANIMALS**

Premium 6a

- U-68-974 HEDGEHOG
- U-68-975 HAMSTERS
- U-68-976 GUINEA PIG
- U-68-977 LIZARD
- U-68-978 GERBILS
- U-68-979 FERRET
- U-68-980 OTHER

## **DEPARTMENT G DOG**

Superintendent Heather Larson

### **GENERAL REGULATIONS**

- A. Dogs must be pre-entered by July 15<sup>th</sup>.
- B. Proof of vaccinations is required. All dogs must be immunized with DHL (Distemper, Hepatitis, Leptospirosis), Parvo virus, Bordetella, and Rabies vaccine. Superintendent must have copy on file at show time.
- C. Any animal abuse will result in disqualification of the exhibitor.
- D. Any dog that shows aggressive behavior toward other dogs or people will be immediately disqualified, and will need to be removed from the fair grounds.
- E. Disqualified dogs that may not be entered in 4-H competitions include females in season; lame or crippled dogs.
- F. Once a dog is entered into competition for the fair, substitutions will only be allowed if the dog is in season, becomes injured or is ill. The superintendent must approve any substitutions.

- G. After Competition rings and Agility courses are set up, no dog or 4-Her will be allowed to enter the area. Doing so can result in disqualification for that day. The agility test dog will not be an exhibitor's dog.
- H. Socialization of dogs not entered in the 4-H show will not be allowed.
- I. Shoes with non-slip soles are suggested.
- J. BAITING. Baiting with food or toys is not permitted and is cause for disqualification. Handlers may use baiting action without food or toys. The judge has the authority to disqualify violators.
- K. CLEAN-UP shall be EXHIBITORS' RESPONSIBILITY. This includes all areas on the fairgrounds. Possible disqualification if clean-up is not done.
- L. In each class a Grand Champion and a Reserve Champion will be awarded to the 4-Her(s) who win(s) a purple or blue ribbon and have the highest and second highest points
- M. **At the conclusion of the dog show dogs must be removed from the premises; at this time they are considered pets. Pets are not allowed on the fairgrounds.**
- N. Any questions concerning the show must be directed to the superintendent.

## DIVISION 701 - OBEDIENCE CLASSES

Premium 2

OBEDIENCE SCORES FOR RIBBON PLACING			
	Beginning Novice	All Other Obedience Classes	Rally Obedience
<b>Purple Ribbon</b>	150-160 points	180-200 points	90-100 points
<b>Blue Ribbon</b>	136-149.5 points	160-179.5 points	80-89 points
<b>Red Ribbon</b>	112-135.5 points	140-159.5 points	70-79 points
<b>White Ribbon</b>	111 or fewer points	139.5 or fewer points	69 or fewer points

Two dogs can be entered per exhibitor in the Obedience Division.

Required Obedience Equipment: All dogs must be shown with a chain, snap, or buckle collar (no pinch collars allowed). A six foot leash is also necessary, unless specified in the class description.

- G-701-971 OPEN - All 4-Hers with a dog that has received a Companion Dog Excellent (CDX), Utility Dog (UD) or a Utility Dog Excellent (UDX) title. Exercises will all be performed off-leash.

Dogs must: heel free, including figure eight, 40 points; drop on recall, 30 points; retrieve on flat, 20 points; retrieve over high jump, 30 points; broad jump, 20 points; long-sit for three minutes with handler out of sight, 30 points; long-down for five

minutes with handler out of sight, 30 points. (Total: 200 points)

- G-701-972 GRADUATE NOVICE - For all dogs who have qualified in Novice and who have not received a Companion Dog Excellent (CDX) title in American Kennel Club (AKC) or equivalent. Handlers can repeat this class up to three years.

Dogs must: heel on-leash, 30 points; heel free, including figure eight, 40 points; drop on recall, 40 points; stand for examination off-leash, 30 points; long-sit for three minutes off-leash in group with handler out of sight, 30 points; long-down for five minutes off-leash in group with handler out of sight, 30 points. (Total: 200 points)

- G-701-973 VETERANS' NOVICE - The Veterans' Class shall be for dogs that have any American Kennel Club (AKC) or equivalent Obedience title and are seven, or more, years old on the date of the show. The exercises shall be performed and judged as in the Novice Class. Dogs entered in the Veterans' Class may not be entered in any regular Obedience Class.

- G-701-974 NOVICE - For all dogs which have not received a companion dog (CD) title in American Kennel Club (AKC) or equivalent competition. Handlers may repeat this class up to 3 years.

- Dogs must: heel on-leash, including figure eight, 40 points; heel free, 40 points; stand for examination off-leash, 30 points; come on recall off-leash, 30 points; long-sit for one minute off-leash in group, 30 points; long-down for three minutes off-leash in group, 30 points.
- For the Beginning Classes all exercises will be performed on a six-foot leash. Dogs must: heel, including figure eight, 40 points; come on recall, 30 points; stand for examination, 30 points; long-sit for one minute in group, 30 points; long-down for three minutes in group, 30 points. The leash may lay on the floor in front of the dog or be held by the handler. (Total: 160 points)

- G-701-975 BEGINNER DIVISION B - Handler or dog beyond 1<sup>st</sup> year of competition and the dog has not received a companion dog (CD) title in American Kennel Club (AKC) or equivalent competition. Handler and same dog may repeat this class up to 3 years.

- G-701-976 BEGINNER DIVISION A - Handler and dog in first year of 4-H, county, or any other type of dog show experience.

### AKC Rally Description

Rally is a sport in which dog and handler proceed at their own pace through a course of designated stations. Each station has a sign instructing the handler on what obedience skill is to be performed. Unlimited communication from handler to dog is encouraged and not penalized. Handlers are permitted to talk, praise, clap their hands, pat their legs, or use any verbal encouragement.

- G-701-977 PRE-RALLY - Handler or dog that has never received any Obedience title or Rally title.

G-701-978 RALLY NOVICE B - Handler or dog that has received an Obedience title but NOT a Rally title. Dogs must complete the course of 10-15 stations correctly and on leash. Times will be recorded and used only to break ties for placements. (Total 100 points)

G-701-979 RALLY GRADUATE NOVICE - Handler or dog that has received any Obedience title or Rally title. Dogs must complete the course of 10-15 stations correctly. Leash is optional.

G-701-980 ADVANCED RALLY

## DIVISION 702 - SHOWMANSHIP

Premium 2

SHOWMANSHIP SCORES FOR RIBBON PLACING	
Purple Ribbon	95-100 points
Blue Ribbon	85-94 points
Red Ribbon	75-84 points
White Ribbon	74 or fewer points

Only one dog can be entered per exhibitor in the Showmanship Division. Only one handler can exhibit each dog.

All Showmanship classes (except for the Performance class) will be judged on: handler's appearance, 10 points; grooming and conditioning of dog, 20 points; coordination of dog and handler, 50 points; general knowledge, 20 points. Dog must be shown with a show lead and collar. (Total: 100 Points)

G-702-971 SENIOR SHOWMANSHIP - Handlers who have graduated from the Intermediate Showmanship class. 4-H age 14 -18 years old

G-702-972 INTERMEDIATE SHOWMANSHIP - Handler who graduated from Beginning Division B Showmanship class. Handler may repeat this class up to 2 years. 4-H age 10-13 years old

G-702-973 JUNIOR SHOWMANSHIP - Handler beyond first year of 4-H county, or any other dog show experience. Handler may repeat this class up to 2 years. 4-H age 8-9 years old

G-702-975 BEST HANDLER CLASS - All handlers winning Grand Championship trophies and either purple or blue ribbons in the Advanced, Intermediate, and Beginning Showmanship classes will compete for Best Handler. This class does not count towards High Point Trophy.

G-702-976 PERFORMANCE CLASS - Exhibitors demonstrate what their dogs can do. There are no pattern requirements. Options include: tricks; showing dogs in brace; showing dogs in teams; sporting event activities such as pointing, retrieves, and/or directing hand signals. Exhibitors will provide the judge with a description of the pattern and intent of the performance. This class does not count towards High Point Trophy.

G-702-977 COSTUME CLASS - Exhibitors and their dogs dress up in costume. This class does not count towards High Point Trophy.

## DIVISION 710 - AGILITY

Premium 2

Jump Height per Dog Size	
6 inches	dogs up to 12 inches
12 inches	dogs 12.5-18 inches
18 inches	dogs 18 inches and over

AGILITY SCORES FOR RIBBON PLACING	
Purple Ribbon	85-100 points
Blue Ribbon	70-84 points
Red Ribbon	55-69 points
White Ribbon	54 and less

## GENERAL REGULATIONS FOR AGILITY CLASSES

Agility can be a fun sport for dogs. Without the proper training however, Agility can also be a dangerous activity for dogs. All potential exhibitors are encouraged to practice with the Cass County 4-H Dog Club during the summer prior to the fair. For safety reasons, all dogs must qualify for participation in agility classes prior to the day of the fair. The superintendent, or someone designated by the superintendent, will determine whether or not the dog is able to perform the requirements of the class safely. Please contact the superintendent with questions about eligibility.

1. All dogs must wear a flat or rolled collar that snaps or buckles. No other collar type (for example: chain, pinch, etc.) is acceptable.
2. A six-foot leash may be used for the Beginning class.
3. Only one handler may exhibit each dog.
4. A handler can exhibit two dogs.
5. Dogs must be twelve months of age, or older, at fair time to compete.
6. Dogs in season are not eligible to participate.
7. Each dog may be entered into only one Standard Agility class and one Jumpers Agility class.
8. Exhibitors should wear tennis shoes or shoes with non-skid soles.
9. Baiting is not allowed.

Standard Agility Classes: The Standard classes are intended to be a way for 4-Hers to show their handling skills with their dogs using many different types of obstacles. Careful control and planning is required to successfully navigate the courses as quickly and with as few mistakes as possible.

G-710-971 VETERAN DOG AGILITY CLASS - Dogs aged seven years, or older, the day of the fair can compete in the Veteran Dog Agility class. This class follows the same guidelines as the Intermediate

Agility class. Even if a veteran dog has received an AKC Agility, or equivalent, title, the dog is still eligible to compete in this class. Jump height maximum will be 12 inches.

G-710-972 LEVEL 4 - ADVANCED AGILITY: The course will consist of at least 13 obstacles. Dogs shall have received a purple in Level 3-Intermediate Agility or have an Open title in any form of Agility. Course design and obstacles are the same as Level 3, only with 6 or more jumps, a competition height dog walk (if available) and run off leash only. The course will need to be measured for total distance and times for that course set as follows: 2 yards/sec for small dogs, 2.25 yards/sec for medium dogs and 2.5 yards/sec for large dogs. Five seconds added to each of these for the pause table/box.

G-710-973 LEVEL 3 - INTERMEDIATE AGILITY CLASS - The focus of the Intermediate Course shall be familiarity of obstacles and reduced handling requirements. The 75-second course shall be set in a slightly more challenging pattern than the Beginning Agility Course, such as a figure-8. Course must be completed off-leash. Exhibitors have two attempts to complete the course with the highest score counting towards competition. Eligibility: Dogs that have received a purple ribbon in Beginning Agility and have not received any American Kennel Club (AKC) Agility, or equivalent, title may exhibit in this class. Provided the dog continues to meet these requirements, this class can be repeated indefinitely.

- Time penalties: 1 fault for every second over course time.
- Obstacle Requirements: 13 obstacles. The Intermediate Agility Course must include the following: six jumps, open tunnel, collapsed tunnel, pause table, five weave poles, tire jump, dog walk and seesaw. The Intermediate Agility course may not include: Triple Bar, One Bar Jump or A-Frame.

G-710-974 LEVEL 2 - BEGINNING AGILITY CLASS DIVISION A - Dogs measuring 12 inches or less at the withers. The focus of the Beginning Course shall be an introduction to obstacles and limited handling requirements. The 60-second course shall be set in a simple arrangement, such as a keyhole or oval pattern. Course may be completed on-leash. Exhibitors will have two attempts to complete the course with the highest score counting towards competition.

- Eligibility: Dogs that hold no AKC Agility titles or equivalent can exhibit in this class. Provided the dog meets these requirements, the class can be repeated indefinitely.
- Time penalties: 1 fault for every second over course time.
- Obstacle Requirements: 10 obstacles. The Beginning Agility Course must include the following in this sequence: bar jump, bar jump,

open tunnel, dog walk, tire jump, pause table, collapsed tunnel, solid jump, bar jump and bar jump.

G-710-975 LEVEL 2 - BEGINNING AGILITY CLASS DIVISION B - Dogs measuring over 12 inches high at the withers. The focus of the Beginning Course shall be an introduction to obstacles and limited handling requirements. The 60-second course shall be set in a simple arrangement, such as a keyhole or oval pattern. Course may be completed on-leash. Exhibitors will have two attempts to complete the course with the highest score counting towards competition.

- Eligibility: Dogs that hold no AKC Agility titles or equivalent can exhibit in this class. Provided the dog meets these requirements, the class can be repeated indefinitely.
- Time penalties: 1 fault for every second over course time.
- Obstacle Requirements: 10 obstacles. The Beginning Agility Course must include the following in this sequence: bar jump, bar jump, open tunnel, dog walk, tire jump, pause table, collapsed tunnel, solid jump, bar jump and bar jump

G-710-976 LEVEL 1 - PRE-BEGINNING AGILITY - The course will consist of 6 obstacles. Dog and handler are in their first year of agility. Dog must be 12 inches or less at the withers. The course is set in a circle and must be run on leash. Obstacles will be set as follows: bar jump, bar jump, dog walk, pause table/box, open tunnel and bar jump. Course time is 45 seconds.

### **Jumpers Agility Classes**

The Jumpers Agility Classes are intended to be a fun yet competitive way to demonstrate a working relationship between dog and handler. In these classes, dogs are not slowed down by the careful performance and control required by the contact obstacles and the Pause Table. Dog/handler teams can therefore race through a course composed primarily of jumps demonstrating a dog's speed and jumping ability.

G-710-977 LEVEL 4 - JUMPERS

G-710-978 LEVEL 3 - INTERMEDIATE JUMPERS WITH WEAVES AGILITY CLASS - This course will be slightly more difficult than the Beginner Jumpers Class and will also include one set of weave poles. Course must be completed off-leash. Exhibitors have one attempt to complete the course.

- Eligibility: Class is open to dogs that have earned a purple ribbon in the Beginning Jumpers Class. Dogs that have acquired any AKC Jumpers with Weaves title, or equivalent, may not compete in this class. This class can be repeated indefinitely.
- Time penalties: 1 fault for every second over course time.
- Obstacle requirements: 11 to 13 obstacles, including one set of 6 weave poles.

G-710-979 **LEVEL 2 - BEGINNER JUMPERS**

**AGILITY CLASS DIVISION** - Dogs measuring 12 inches or less at the withers. The Beginner Jumpers Agility Class is to provide an introduction for dogs and handlers to compete in Agility. This course shall be a simple course without weave poles. Course may be completed on-leash. Exhibitors have one attempt to complete the course.

- Eligibility: Class is open to dogs that have not earned purple ribbon in the Beginner Jumpers Agility Class and have not earned any AKC Jumpers with Weaves titles, or equivalent. This class can be repeated indefinitely.
- Time penalties: 1 fault for every second over course time.
- Obstacle requirements: 9 to 11 obstacles, does not include weave poles.

G-710-980 **LEVEL 2 - BEGINNER JUMPERS**

**AGILITY CLASS DIVISION B** - Dogs measuring over 12 inches at the withers. The Beginner Jumpers Agility Class is to provide an introduction for dogs and handlers to compete in Agility. This course shall be a simple course without weave poles. Course may be completed on-leash. Exhibitors have one attempt to complete the course.

- Eligibility: Class is open to dogs that have not earned a purple ribbon in the Beginner Jumpers Agility Class and have not earned any AKC Jumpers with Weaves titles, or equivalent. This class can be repeated indefinitely.
- Time penalties: 1 fault for every second over course time.
- Obstacle requirements: 9 to 11 obstacles, does not include weave poles.

G-710-981 **LEVEL 1 - PRE-BEGINNING JUMPERS** -

Dog and handler are in their first year of agility. Dog is 12 inches or less at the withers. The course will consist of 6 obstacles, including jumps and tunnels. Must be run on leash. Course time is 30 sec

**DIVISION 711**

**DOG PHOTOGRAPHY**

Premium 5

G-711-982 **STILL LIFE DOG PHOTOGRAPHY**

G-711-983 **DOG PHOTOGRAPHY - ACTION**

**4-H DOG EVENT / HIGH POINT COMPETITION**

A High Point Trophy will be awarded to the dog who attains the highest combined score from the Showmanship, Obedience, and Agility events. Ribbons from all classes count towards High Point Competition with the exception of the Showmanship Performance class ribbons.

<b>4-H Dog Event / High Point Competition Point System</b>	
Trophy with 1st Place Purple Ribbon	8 points
2nd Place Purple Ribbon	7 points
3rd Place Purple Ribbon	6 points
Purple Ribbon	5 points
Trophy with Blue Ribbon	4 points
Blue Ribbon	3 points

Red Ribbon	2 points
White Ribbon	1 point

**LEGEND FOR READING OBEDIENCE AND AGILITY TITLE SYMBOLS**

Participants and dogs who compete in 4-H may also have competed in American Kennel Club (AKC), United Kennel Club (UKC) and/or United States Dog Agility (USDA) events. These organizations award achievement titles to the dogs which are then listed after a dog's name when it is entered in competition. Once a dog has earned a title at one level, it can only compete in higher level events. Titles (and acronyms) for these achievements include:

<b>Obedience Titles (from first to highest title)</b>	
CD	Companion Dog
CDX	Companion Dog Excellent
UD	Utility Dog
UDX	Utility Dog Excellent
OTCH	Obedience Trial Champion

<b>Standard Agility and Jumpers with Weaves Titles (from first to highest title)</b>			
NA	Novice Agility	NAJ	Novice JWW
OA	Open Agility	OAJ	Open JWW
AX	Agility Excellent	AXJ	Excellent
MX	Master Agility Excellent	MXJ	Master Excellent
MACH	Master Agility Champion (both standard and jumpers with weaves)		

**DEPARTMENT G**

**RABBITS**

Superintendent Chris Abbott

Assistant Superintendent Carol Thomassen

**Pre-enter all animals by July 15<sup>th</sup>. 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 evening.

Rabbits will be released 10:00 p.m. Saturday night. There will be no Sunday release of rabbits. The Rabbit show will start Friday 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. A 4-H member is limited to exhibiting 4 rabbits.** 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 6a

- G-80-971 SENIOR, 15 years and older
- G-80-972 INTERMEDIATE, ages 12-14
- G-80-973 JUNIOR, ages 8-11

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

Premium 6a

- G-83-974 BREEDING SENIOR BUCKS (over 8 months)
- G-83-975 BREEDING SENIOR DOES (over 8 months)
- G-83-976 BREEDING INTERMEDIATE BUCKS (6-8 months)
- G-83-977 BREEDING INTERMEDIATE DOES (6-8 months)
- G-83-978 BREEDING JUNIOR BUCKS (under 6 months)
- G-83-979 BREEDING JUNIOR DOES (under 6 months)
- G-83-980 SMALL FRYER (3 to 4 pounds)
- G-83-981 LARGE FRYER (4-5 pounds)
- G-83-982 MARKET PEN (3 bunnies between 3-5 pounds)
- G-83-983 FUR (judged for best quality fur). One entry per exhibitor.
- G-83-984 DOE AND LITTER (litter is six weeks old or younger)

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

Premium 6a

- G-83-985 SENIOR BUCK (6 months of age and older)
- G-83-986 SENIOR DOE (6 months of age and older)
- G-83-987 JUNIOR BUCK (Under 6 months of age)
- G-83-988 JUNIOR DOE (Under 6 months of age)

G-83-989 FUR (Judged for best quality fur). One entry per exhibitor.

G-83-990 DOE & LITTER (Litter 6 weeks old & younger)

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

Premium 6a

G-84-990 PET RABBIT (crossbreds)

### **DIVISION 85 - BEST DRESSED RABBIT**

Premium 6a

- G-85-991 SENIOR, 15 years and older
- G-85-992 INTERMEDIATE, ages 12-14
- G-85-993 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 5

**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-86-994 HOMEMADE CARRYING PEN (water tight bottom for carrying pen may be purchased)
- G-86-995 HOMEMADE NEST BOX (indicate breed on entry tag)
- G-86-996 GROOMING TABLE
- G-86-997 POSTER - 14"x22" either vertical or horizontal arrangement
- G-86-998 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.

## **Clothing/Fashion Show**

### **DEPARTMENT C CLOTHING**

1. 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.
2. Only exhibits receiving purple ribbons will be sent to the State Fair.
3. All clothing exhibits will be eligible for interview judging and will be judged in conjunction with the Fashion Show judging held on **August 2** at

- the at the Expo Center, Cass County Fairgrounds beginning at 8:30 a.m. Entry time for all clothing projects is **8:30 a.m. - 12:00 noon**. No clothing will be judged after the county-designated judging date. This includes all projects in the Clothing Department.
4. 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.

5. 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.
6. 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.
7. Garments as listed may be made for self (4-H member) or another person.
8. Premier 4-H Science Award is available in this area.

## **DIVISION 210 - STEAM CLOTHING 1**

### Premium 5

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.

C-210-975 CLOTHING SERVICE PROJECT – Can include pillows or pillow cases but are not limited too. Exhibit (not to exceed 22" x 30') a notebook, poster, small display sharing information you generated in the project activity "Serving A Purpose" page 124 and 125.

**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 PINCUSHION

C-210-977 PILLOWCASE

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

C-210-979 BAG/PURSE – No zippers or button holes.

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 221 – BEYOND THE NEEDLE**

Premium 5 - 4-H members must show their own original creativity.

C-221-SF1 DESIGN PORTFOLIO- A portfolio consisting of at least three design samples or activities. Refer to the project manual for activity ideas. The portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. (Additional pages can be added each year but should be dated.) See pages 14-16 for portfolio formatting.

C-221-SF2 COLOR WHEEL – Create your own color wheel, complimentary color bar, or color scheme using pages 27-39 in the project manual. The exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22"x 30".

C-221-SF3 EMBELLISHED GARMENT WITH ORIGINAL DESIGN (eligible for State Fair Fashion Show) Scoresheet SF26 – Create a garment using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-

Her using the elements and principles of design to make an original statement.

**C-221-SF4 ORIGINAL DESIGNED FABRIC YARDAGE**

Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. Exhibit consists of at least one yard of finished fabric. Include information on how the fabric was designed - describe the process and materials used and how the fabric will be used. If additional information is not included, exhibit will be lowered one ribbon placing.

**C-221-SF5 ITEM CONSTRUCTED FROM ORIGINAL DESIGNED FABRIC** (garment eligible for State Fair Fashion Show) Scoresheet SF26 – Fabric yardage is designed first, then an item is constructed from that fabric. Other embellishments may be added. Include information on how the fabric was designed - describe the process and material used. If additional information is not included, exhibit will be lowered one ribbon placing.

**C-221-SF6 TEXTILE ARTS GARMENT OR ACCESSORY** (garment eligible for State Fair Fashion Show) Scoresheet SF63 -- 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.

**C-221-SF7 FASHION ACCESSORY** (NOT eligible for State Fair Fashion Show) Scoresheet SF23 -- An accessory designed and/or constructed using elements and principles of design can be textile or non-textile based. Examples: shoes, bracelets, scarves, etc. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.

**C-221-971 BEGINNING EMBELISHED GARMENT**  
Create a garment using beginning techniques as designed 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.

**C-221-972 BEGINNING TEXTILE CLOTHING ACCESSORY** - Accessory is constructed and/or decorated using techniques as designed in the project manual. Entry examples include: hats, bags, scarves, gloves, aprons etc.

**C-221-973 EXTRA ARTICLE** made in this project.

**DIVISION 222 - STEAM CLOTHING 2-SIMPLY SEWING** Scoresheet SF28 for all classes 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-SF1 CLOTHING PORTFOLIO** Scoresheet SF20 - Complete at least four different samples/ activities from Chapters 2, 3, OR 4 of the project manual. The portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated.) See pages 9-11 for portfolio formatting.

**C-222-SF2 EXPANDED TEXTILE SCIENCE SCRAPBOOK** - Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 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-222-SF3 DESIGN BASICS, UNDERSTANDING DESIGN PRINCIPLES** – 4-H members enrolled in STEAM Clothing 2 may enter an exhibit sharing a learning experience from pages 17-20 in the project manual. Include answers to questions found on page 20 of the manual. The exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22”x 30”.

**C-222-SF4 PRESSING MATTERS**- 4-H members enrolled in Steam Clothing 2 may enter a ham or sleeve roll from pages 21-25, “A Pressing Matter” in the project manual. Exhibit should include answers to lesson questions that are most appropriate to include.

**C-222-SF5 ENTREPRENEURIAL SEWING** – Using pages 161-167 in the 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”.

**C-222-SF6 UPCYCLED GARMENT** (not eligible for State Fair Fashion Show) –Create a garment from used textile based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.

**C-222-SF7 UPCLYCLED CLOTHING ACCESSORY** (not eligible for State Fair Fashion Show) - a wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.

**C-222-SF8 TEXTILE CLOTHING ACCESSORY** (not eligible for State Fair Fashion Show) - Textile accessory is constructed using at least one skill learned in this project. Entry examples include: hats, bags, scarves, gloves, aprons etc. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

**C-222-SF9 TOP** (vest acceptable – not eligible for State Fair Fashion Show)

- C-222-SF10 **BOTTOM** (pants or shorts – not eligible for State Fair Fashion Show)
- C-222-SF11 **SKIRT** (not eligible for State Fair Fashion Show)
- C-222-SF12 **LINED OR UNLINED JACKET** (not eligible for State Fair Fashion Show)
- C-222-SF13 **DRESS** (not formal wear – Eligible for State Fair Fashion Show)
- C-222-SF14 **ROMPER OR JUMPSUIT** (Eligible for State Fair Fashion Show)
- C-222-SF13 **TWO- PIECED OUTFIT** (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**

Scoresheet SF28 for all classes Premium 2 – Exhibits entered in this project must reflect at least one new skill learned from this manual (see project manual skill-level list). Garments as listed may be made from any pattern or any fabric and should demonstrate sewing skills beyond STEAM Clothing 2. Entry consists of complete constructed garments only. Wool entries must have the fiber content listed on the identification label.

- C-223-SF1 **CLOTHING PORTFOLIO** - Complete at least four different samples/ activities from Chapter 2, Chapter 3, and Chapter 4 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 11-13 for portfolio formatting.
- C-223-SF2 **EXPANDED TEXTILE SCIENCE SCRAPBOOK** - Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 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-223-SF3 **ADVANCED ENTREPRENEURIAL SEWING** – Using lessons learned in Chapter 5 of the manual, display one sample product with a business plan that includes a business ID and logo. The exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22”x 30”.
- C-223-SF4 **UPCYCLED GARMENT** (not eligible for State Fair Fashion Show) – Create a garment from used textile based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.
- C-223-SF5 **UPCLYCLE CLOTHING ACCESSORY** (not eligible for State Fair Fashion Show) - a wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least

- one skill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.
- C-223-SF6 **TEXTILE CLOTHING ACCESSORY** (not eligible for State Fair Fashion Show) - Scoresheet SF23 Textile accessory is constructed using at least one skill learned in this project. Entry examples include: hats, bags, scarves, gloves, aprons etc. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)
- C-223-SF7 **DRESS or FORMAL** (Eligible for State Fair Fashion Show)
- C-223-SF8 **SKIRTED COMBINATION** (skirt with shirt, vest or jacket, OR jumper and shirt - Eligible for State Fair Fashion Show)
- C-223-SF9 **PANTS or SHORTS COMBINATION** (pants or shorts with shirt, vest or jacket - Eligible for State Fair Fashion Show)
- C-223-SF10 **ROMPER or JUMPSUIT** (Eligible for State Fair Fashion Show)
- C-223-SF11 **SPECIALTY WEAR** (includes swim wear, costumes, hunting gear, or chaps - Eligible for State Fair Fashion Show).
- C-223-SF12 **LINED OR UNLINED JACKET** - non-tailored – not eligible for State Fair Fashion Show)
- C-223-SF13 **COAT, BLAZER, SUIT JACKET, or OUTERWEAR** (Eligible for State Fair Fashion Show) - Scoresheet 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.

**DIVISION 225 - KNITTING**

- Scoresheet SF60 for all classes Premium 5 - You may exhibit one item or set of items or samples per class.
- INFORMATION SHEET for KNITTING** - Each knitted exhibit must include the following information with the entry tag: 1) What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s)? 2) What steps did you take as you worked toward your goal(s)? 3) What were the most important things you learned as you worked toward your goal(s)? 4) Gauge - Number of rows per inch; number of stitches per inch 5) Size of needles 6) Kind of yarn - weight and fiber content 7) Names of stitches used 8) Copy of directions
- C-225-SF5 **LEVEL 2 KNITTED CLOTHING OR HOME ENVIRONMENT ITEM** (Garment eligible for State Fair Fashion Show) - knitted item or garment using pattern stitches such as diamond, block, twist or seed/moss stitches.
- C-225-SF15 **LEVEL 3 KNITTED CLOTHING OR HOME ENVIRONMENT ITEM** (Garment eligible for State Fair Fashion Show) - knitted item or garment made from advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle.

- 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 (SIMPLE KNIT-PURL ITEMS) KNITTED ITEM FOR THE HOME
- C-225-974 LEVEL 1 (SIMPLE KNIT-PURL ITEMS) TOY
- C-225-975 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.
- C-225-976 LEVEL 2 KNIT ONE/ADD ONE - Knitted garment made using Level 2 stitches (see above) combined with a sewn or purchased garment to make a complete wearable outfit.
- C-225-977 LEVEL 3 KNIT ONE/ADD ONE - Knitted garment made using Level 3 stitches (see above) combined with a sewn or purchased garment to make a complete wearable outfit.

## DIVISION 226 - CROCHETING

Scoresheet SF61 for all classes

Premium 5 - You may exhibit one item or set of items or samples per class.

**INFORMATION SHEET FOR CROCHET** - Each crocheted exhibit must include the following information with the entry tag: 1) What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s). 2) What steps did you take as you worked toward your goal(s)? 3) What were the most important things you learned as you worked toward your goal(s)? 4) Gauge and size of hook. 5) Kind of yarn - weight and fiber content or other material used. 6) Names of stitches used. 7) Copy of directions.

- C-226-SF5 LEVEL 2 CROCHETED CLOTHING OR HOME ENVIRONMENT (Garment eligible for State Fair Fashion Show) - crocheted Item or garment using pattern stitches such as texture, shell, cluster or mesh stitches.
- C-226-SF15 LEVEL 3 CROCHETED CLOTHING OR HOME ENVIRONMENT ITEM (Garment eligible for State Fair Fashion Show) - crocheted Item or garment using advanced crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches.
- C-226-971 LEVEL 1 CROCHETED ITEM OF CLOTHING
- C-226-972 LEVEL 1 CROCHETED ITEM FOR THE HOME
- C-226-973 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.
- C-226-974 LEVEL 2 CROCHET ONE/ADD ONE. A crocheted garment made using pattern stitches (see

above) combined with a sewn or purchased garment to make a complete wearable outfit

- C-226-975 LEVEL 3 CROCHET ONE/ADD ONE. A crocheted garment made using advanced crochet stitches (see above) combined with a sewn or purchased garment to make a complete wearable outfit.

## DIVISION 234 – GENERAL EDUCATIONAL DISPLAY

Premium 6a for Class 1 - 4-H members enrolled in Decorate Your Duds, Clothing Level 2, Sewing for You or Tailoring, knitting or crochet project may enter an educational display exhibit.

- C-234-SF1 EDUCATIONAL DISPLAY - Share with others what you learned in this project. Exhibit may be a poster or foam core board (not to exceed 22" x 30"), a notebook or a small display of an educational nature. Examples include: information on careers in the textile industry, information on textile fibers, illustrate art elements, art principles, seam finishes, the science of textiles including dye techniques, fiber identification, and shrink testing of fabrics, knit stitches, crochet stitches, gauge, etc.

## MAKE ONE/BUY ONE

Premium 3 - 4-H members enrolled in Clothing Level 2, Sewing for You, or Tailoring may enter this class.

- C-234-971 COUNTY ONLY - MAKE ONE/BUY ONE  
One purchased garment with a constructed garment(s) to make a complete wearable outfit. Both constructed and purchased items must be included in the exhibit. An incomplete exhibit will be disqualified.

## DIVISION 235 - DOLL CLOTHES OR STUFFED ANIMAL CLOTHES

Premium 5 - 4-H members enrolled in any clothing project may enter this class. The doll or stuffed animal that the clothes were sewn for must be brought along with the clothes on clothing entry day.

- C-235-971 SKIRT OUTFIT or DRESS for DOLL or STUFFED ANIMAL
- C-235-972 PANT OUTFIT or SPORTSWEAR for DOLL or STUFFED ANIMAL
- C-235-973 SLEEP WEAR/LOUNGE WEAR for DOLL or STUFFED ANIMAL
- C-235-974 OUTERWEAR for DOLL or STUFFED ANIMAL
- C-235-975 COSTUMES or UNIFORMS for DOLL or STUFFED ANIMAL
- C-235-976 KNIT OUTFIT or ACCESSORY for DOLL or STUFFED ANIMAL
- C-235-977 CROCHETED OUTFIT or ACCESSORY for DOLL or STUFFED ANIMAL

## DIVISION 236 - CLOTHING FLOP

Premium 5 - 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

#### GENERAL INFORMATION:

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

Premier 4-H Science Award is available in this area.

Please go [www.cass.unl.edu](http://www.cass.unl.edu) or contact the Extension Office for more details. 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-SF1 BEST BUY FOR YOUR BUCK - 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). Please 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.

- Ages 10-13 Provide details about wardrobe inventory which indicates why you selected the garment you did, clothing budget, and cost of garment. Provide 3 color photos of you wearing the garment (front, side, back views).
- Ages 14-19 Provide details listed for those ages 10-13 plus include body shape discussion, construction quality details, design features that affected your selection, cost per wearing, and care of garment. Provide 3 color photos of you wearing the garment (front, side, back views).

C-240-SF2 REVIVE YOUR WARDROBE -Take at least two items in your wardrobe that still fit but that you don't wear anymore and pair them with a new garment or garments to make them wearable once again. Create a photo story which includes before and after photos and a description of what was done. Put in a binder, poster, or video (see general information).

C-240-SF3 SHOW ME YOUR COLORS - Select 6-8 color photos of you wearing different colors. Half should be what you consider to be good personal color choices and half should be poor personal color choices. Write a brief explanation with each photo describing your selections. Refer to the manual page 23 for more information. Entry should be a poster (see general information).

C-240-SF4 CLOTHING 1ST AID KIT - Refer to page 73 of the manual and complete a clothing first aid kit. Include a list of items in the kit and brief discussion of why each was included. Put in appropriately sized box or tote with a lid. No larger than a shoe box.

C-240-SF5 MIX, MATCH, & MULTIPLY - Using this concept from page 32 of the manual take at least 5 pieces of clothing and create new outfits. Use your imagination to show various looks (i.e. on a clothes line, in a tree, on a mannequin). Include a brief discussion of each outfit which demonstrates what you have learned by completing this entry. Entry can be a binder, poster, or video (see general information).

C-240-971 ADVERTISING POSTER 14" x 22" 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" of at least three informative labels and hang tags from garments. Rate each very poor to excellent and tell why.

### DIVISION 244 - ATTENTION SHOPPERS

Age 12 and under (If you are 10-12 you must choose between Attention Shoppers or Shopping in Style)

Premium 5

C-244-971 CLOTHING WARDROBE INVENTORY.

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

C-244-972 CLOTHING INTERVIEW - Consider creativity and style in your story. Include a picture of the person you interviewed in their special type of clothing. Your interview entry may be a picture poster, a written story, audio tape, video tape with explanation, etc. Choose one of the following:

- A. Interview an older person and talk about the fads and fashions of the time when they were young.
- B. Interview a person from another culture and find out how their dress and fashions may differ at school, special occasions (such as weddings, graduations, birthdays, religious events, etc.)
- C. Interview a person who wears special types of clothing for their job. Find out how these clothes differ from the ones they wear away from the

job, what makes them different, why are they necessary to wear, etc.

- C-244-973 **COMPLETE WEARABLE OUTFIT** - Experience buying a complete wearable outfit (to be submitted for county display) for less than \$75. Your entry must include the hang tags (if available), information from fiber content and care labels and a story about what you considered when you purchased the outfit. Consider creativity and style in explaining your story. Your buying experience may be a picture poster, a video tape, a written story or an audio tape, etc.
- C-244-974 **YOU BE THE TEACHER**. Suggested ideas include: sort before you wash, clothing first aid, fad or fashion, etc.

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

### **Premium 5**

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

### **BEGINNER/INTERMEDIATE**

- C-247-SF1 **FINANCIAL GOALS** - Write 3 SMART financial goals for yourself (one should be short term, one intermediate, and one long term.) Explain how you intend to reach each goal you set.
- C-247-SF2 **INCOME INVENTORY**— Using page 13 as a guideline, list sources and amounts of income you earn/receive over a six month period. Answer the following questions: What were your income sources? Were there any steady income sources? What did you do with the income you received? Include your income inventory in the exhibit.
- C-247-SF3 **TRACKING EXPENSES**—Use an app or chart like the one on page 17 to track your spending over 2 months. Answer the following questions: What did you spend most of your money on? What did you learn about your spending habits? Will you make any changes in your spending based upon what you learned? Why or why not? Include your chart in your exhibit.
- C-247-SF4 **MONEY PERSONALITY PROFILE**— Complete the money personality profile found on pages 21-22. Answer the following questions: What is your money personality? How does your money personality affect the way you spend/save money? Have a friend or family member complete the money personality profile. Compare and contrast (how are you alike how are you different) your money personality profile with theirs.
- C-247-SF5 **WHAT DOES IT REALLY COST** - Complete Activity 8 “What Does It Really Cost?” on pages 39-40.
- C-247-SF6 **MY WORK; MY FUTURE** – Interview three adults in your life about their careers or jobs using the questions on page 51 and record these answers. In addition, answer the following questions on your display. What did you find most interesting about

these jobs? Were there any positions you might want to pursue as your career? Why/Why not? What careers interest you at this point in your life? What are three steps you need to do now to prepare for this career?

### **INTERMEDIATE/ADVANCED**

- C-247-SF7 **WAGE INTERVIEW** - Interview someone who is paid a salary; someone who is paid a commission; and someone who is paid an hourly wage. Have them answer the following questions plus any additional questions you may have.
- What are some benefits of receiving your pay the way you do (salary, commission, or hourly wage)?
  - What are some negative outcomes for getting paid the way you do?
  - Does your pay keep pace with inflation? Why do you think this?
  - Summarize: Based upon your interviews which payment method would suit you the best? Discuss your answer.
- C-247-SF8 **THE COST OF NOT BANKING** - Type your answers to the questions about Elliot on page 50.
- C-247-SF9 **EVALUATING INVESTMENT ALTERNATIVES** - complete the case study of Jorge on page 64. Answer all three questions found at the bottom of the page.
- C-247-SF10 **UNDERSTANDING CREDIT SCORES** - Watch the video and read the resource listed on page 71. Answer the following questions.
- Name 3 prudent actions that can reduce a credit card balance.
  - What are the main factors that drive the cost of credit?
- List one personal financial goal that you could use credit or collateral to purchase. Discuss possible consequences that might happen with improper use of credit for your purchase.
- C-247-SF11 **EVALUATING INVESTMENT** - You Be the Teacher – Create an activity, story board, game or display that would teach another youth about “Key Terms” listed on page 62. Activity/display must include at least five (5) of the terms.

## **DEPARTMENT C FASHION SHOW**

Superintendent Joan Brown

Advanced registration should be submitted to the Extension Office by **July 15** on the appropriate form to be eligible. **Fashion Show judging will be held on Thursday, August 2, at the Expo Building, Cass County Fairgrounds beginning at 8:30 a.m. A schedule with times assigned will be mailed to 4-H members who have preregistered by July 15 for the Fashion Show.**

**Clothing entries not modeled in the Fashion Show should be entered between 8:30 a.m. and 11:00 a.m.**

4-Hers are allowed to 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 Decorate Your Duds may carry a tote bag from Sewing for Fun.

All 4-H members modeling before the judges on **August 2** will be expected to model in the public Fashion Show at the County Fairgrounds on **Tuesday, August 7**, at 6:30 p.m. 4-Hers not modeling in the public Fashion Show will not receive premiums. Ribbons and special 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 - CLOVER KIDS FASHION SHOW**

C-410-CK 904 MODELING CLOVER KID ITEM – Clover Kids may model what they have sewn.

**DIVISION 410 - FASHION SHOW**

Premiums differ for each area

C-410-971 MODELING STEAM 1 GARMENT/ ITEM – 4-Her may wear and/or carry one or more items made in this project. A purchased top or bottom may be worn to complete the outfit. Premium 3

C-410-SF10 MODELED BEYOND THE NEEDLE EMBELLISHED GARMENT WITH AN ORIGINAL DESIGN – Garment is created using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-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. Premium 3

C-410-SF15 MODELED BEYOND THE NEEDLE GARMENT FROM AN ORIGINAL DESIGNED FABRIC - Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added. Premium 3

C-410-SF20 MODELED BEYOND THE NEEDLE TEXTILE ARTS GARMENT(S) – Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape. Premium 3

C-410-972 MODELED BEYOND THE NEEDLE ITEM 4-Her may model a purchased, constructed, original design, or recycled garment to which surface embellishment has been applied or a textile clothing accessory. 4-H members must show their own original creativity. Premium 3

C-410-SF30 MODELED CONSTRUCTED STEAM CLOTHING 2 GARMENT(S) 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.) Premium 3

C-410-SF40 MODELED CONSTRUCTED STEAM 3 GARMENT(S) 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.) Premium 3

C-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.) Premium 3

C-410-SF50 MODELED KNITTED or CROCHETED CLOTHING (LEVEL 2 or 3) – Knitted garment using pattern stitches such as diamond, block, twist or seed/moss stitches or advanced knitting stitches such as pass slip stitch over, double pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather, and fan or knitting with one or more patterns such as Aran or Fair Isle.

Crocheted garment using pattern stitches such as texture, shell, cluster or mesh stitches or advance crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches.

Garment needs to be a complete outfit as in a dress, coat, or two piece ensemble (bottom and top). Premium 3

C-410-976 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. Premium 3

C-410-977 **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, back pack, tote bag, gloves, mittens, scarf, hat, etc. Premium 3

## **DIVISION 410 - SHOPPING IN STYLE & ATTENTION SHOPPERS**

Premium 3

Any 4-Her enrolled in the Shopping in Style or Attention Shoppers project may enter these classes in the Fashion Show. They may also enter another Fashion Show exhibit, if they are enrolled in another clothing project. They will model a purchased garment or garments to make a complete outfit. 4-Her must complete entry form (SF 184).

C-410-SF60 **MODELED SHOPPING IN STYLE PURCHASED OUTFIT And 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.

C-410-980 **MODELED ATTENTION SHOPPERS GARMENT OR OUTFIT** - Outfit must have been selected and purchased for a particular purpose (sports, temperature control, every day, dressing up, work wear). Judging of this class will include answering questions about your choices and decisions on the garments selected. Attention Shoppers is for 4-Hers 8- 9 years.

# Clover Kids Division

## **CLOVER KIDS DIVISION**

Superintendent Peter Brown

### **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 self-esteem.
3. A Clover Kid is 5 to 7 years old (by December 31<sup>st</sup> of the previous year).
4. Enrollment due on March 1.
5. 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 8:00a.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 will be conducted by the judge while the Clover Kids are in the show ring. **Bucket calves will show at 5:00 p.m. Wednesday.**
8. Clover Kids will not be eligible to compete in regular classes; for example, best of show or champion.

9. Clover Kid exhibits will receive a Clover Kid ribbon. Exhibits will not receive premium money.
10. Bucket Calves, Goats, Dairy Goats, Swine & Sheep need to be tagged and registered at the Cass County Extension Office by **June 15** and pre-entered in the Fair by **July 15**.
11. **Each Clover Kid exhibitor must 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**

- 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. the day of the show. 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 February 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.
- Show order will be: 1) Clover Kid Bucket Calves 2) Bucket Calves 3) Feeder Calf Showmanship 4) Feeder Calves 5) Cow-Calf.

V-30-CK901 BUCKET CALF - CLOVER KID

## **DIVISION 50**

### **CLOVER KID DAIRY GOAT**

P-50-CK 902 CLOVER KID DAIRY GOAT

## **DIVISION 90**

### **CLOVER KID MEAT GOAT**

0-90-CK903 CLOVER KID MEAT GOAT

## **DIVISION 98**

### **CLOVER KID OTHER GOAT**

W-98-CK904 CLOVER KID OTHER GOAT

## **DIVISION 35**

### **CLOVER KID SWINE**

S-35-CK904 CLOVER KID SWINE

## **DIVISION 30**

### **CLOVER KID SHEEP**

T-30-CK905 CLOVER KID SHEEP

## **DIVISION 64**

### **CLOVER KIDS**

U-64-CK906 CATS - CLOVER KIDS

## **DIVISION 65**

### **CLOVER KID DOG**

U-65-CK900 DOG- CLOVER KIDS

## **DIVISION 67**

### **CLOVER KIDS**

U-67-CK907 CLOVER KID TROPICAL FISH

U-67-CK908 CLOVER KID GUINEA PIGS

U-67-CK909 CLOVER KID HAMSTER

U-67-CK910 CLOVER KID POCKET PETS

U-67-CK911 CLOVER KID CAGE BIRDS

U-67-CK912 CLOVER KID OTHER SMALL ANIMALS

U-67-CK913 CLOVER KID SMALL ANIMAL SHOWMANSHIP

## **DIVISION 70 CLOVER KID POULTRY**

U-70-914 CLOVER KID POULTRY

## **DIVISION 80**

### **CLOVER KID RABBITS**

G-80-915 CLOVER KID RABBITS

## **FAIR EXHIBIT SELECTION EXHIBITS**

### **CLOVER KIDS STATIC EXHIBITS**

The following entries will be exhibited in the 4-H Building in the Clover Kid area. They can be entered on Entry Day (Sunday from 4-6 P.M.)

ANIMAL SCIENCE – examples include an animal care checklist; poster or photo story about animal care;

poster about animal feeds; notebook about caring for an animal; animal-related art project.

SAFETY (Examples, emergency phone number card, fire exit plan, other safety display)

PLANT SCIENCE – vegetable or fruit (display any vegetable you help grow in your garden on a paper plate – small vegetables – several, large vegetable – one); Flowers (three stems of a single variety/cultivar. Use plain jars or bottles for containers; Terrarium; Beautiful Buckets or Wacky Container with Plants; Poster Displaying Plant Parts; Seed Display; Go Green Container (use a recycled item for displaying plant or plants. Containers may be exhibited outdoors)

### **ENVIRONMENTAL EDUCATION & EARTH**

SCIENCES (Examples; not limited to - pressed leaf display or leaf rubbing; seed medallion; bird puppet; growing seed ( A growing seed you planted – can be planted in any small container); bird poster; bird feeders; water pictures ( 8 ½” x 11” paper showing what you have learned about water - any medium); insect life mobile; treasure hunt collage (make a collage of items you collected outdoors on an 11”x14” poster board); insect model (create your very own insect using any kind of non-edible medium and include all parts of the insect: six legs, one pair of antenna and three body sections)

LET'S CREATE CRAFTS Examples; not limited to - applique, embroidery and cross-stitch; clay, ceramics; fiber art; leather; metal; water color or other painting; weaving and macramé; wood; spoon people; egg shell mosaics; miscellaneous

HEALTHY LIFESTYLES Examples: not limited to – Healthy Snack: Four simple or no-bake cookies, bars, granola bars, muffins, etc. on a paper plate or at least 1 cup of mix (example might include snack mix made from a cereal base; *from Save A Place For Me youth project book: Making Food For Me Placemat*, colored and decorated, advise lamination or protection with clear contact paper (Center Page); Completed Dairy Tasting Party form (Page 17); *from Making Foods For Me Leader's Guide: Food Cards* neatly cut and colored, in self-sealing plastic bag or other secure container (Pages 67-69); Neatly cut and pasted pictures of grains cutout and displayed as a collage (Page 40); Neatly cut and pasted pictures of protein sources and foods displayed as a collage (Page 53).

### **SCIENCE, ENGINEERING & TECHNOLOGY**

Examples: not limited to - rocket, bird, or plane drawing; simple rocket; bicycle helmet or bicycle safety story/poster/exhibit; hand signal poster; safe riding poster; marshmallow rocket – exhibit rocket with parts labeled; kite, windsock, paper flyers

SUMMER ACTIVITIES - summer camp or workshop project (Any projects made at a summer camp or workshop may be displayed)

## **CLOVER KID COMMUNITY SERVICE**

Community service items will be donated to SENCA, Weeping Water Food Bank, Tabitha's Thread,

Plattsmouth Animal Shelter, local elder care facilities and/or other county service agencies. 4-Hers may also choose a recipient of their choice, or can deliver to the person / organization of their choice at the end of the fair. Complete Community Service information at [www.cass.unl.edu](http://www.cass.unl.edu)

## **DIVISION 920 CLOVER KID CARING**

**CARE AND SHARE BASKET OR FILLED SCHOOL BAG** (Guidelines available from the Extension Office)

**DRESS A BEAR - CARE AND SHARE ...** Dress any size or style bear with hand sewn or store bought clothing or costume.

**AFGHAN OR BABY BLANKET - CARE AND SHARE...** Make any type of afghan or baby blanket.

**FOOD JARS -** 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, canned and preserved items etc.)

**CREATE A PILLOWCASE -** Use one of the fun print fabrics available or try embroidery, applique, fabric stamping, stenciling, etc. Simple pillowcase pattern available from the Extension Office. Pillowcases will be donated to the Cass County Social Services or Family Services Domestic Abuse Program or 4-Hers choice of recipient at the end of the fair.

**TOTE BAG -** any type. Leave empty, partially fill, or fill the bag with toothbrush, toothpaste, books, etc.

**QUILT OF VALOR BLOCK** – see Quilt section in regular 4-H premium book for guidelines.

**KENNEL MAT** – instructions available from extension office

**BIRDHOUSE FOR NURSING HOMES** – patterns available from extension office or use own

**ACTIVITY BAGS FOR KIDS** – Use any tote bag pattern. Sewing for Fun tote bag pattern is available from Extension Office. Fill with coloring books, crayons, quiet activities, books, etc.

**SEW FLEECE HAT, AND/OR SCARF**

## **DIVISION 205 - CLOVER KIDS CLOTHING**

C-205-CK934 SEWING ITEM

C-205-CK935 DECORATED CLOTHING ITEM

## **DIVISION 410**

### **CLOVER KIDS FASHION SHOW**

C-410-CK 936 MODELING CLOVER KID ITEM -  
Clover Kids may model what they have sewn.

## **DIVISION 151**

### **CLOVER KID PRESENTATIONS**

B-151-CK937 PRESENTATIONS - CLOVER KIDS

## **DIVISION 155 - CLOVER KIDS**

### **PERFORMING ARTS**

M-155-CK938 CLOVER KID SONG GROUP

M-155-CK939 CLOVER KID DRILL OR DANCE

ROUTINE - - Group only

## **DIVISION 700 - TABLE SETTING**

M-700-CK940 CLOVER KID TABLE SETTING

# **Community Service**

## **DEPARTMENT L**

### **CARE & SHARE COMMUNITY SERVICE**

Superintendents Joan Brown & 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. Complete Community Service information at [www.cass.unl.edu](http://www.cass.unl.edu)

**CARE and SHARE**

**CARE AND SHARE BASKET OR FILLED SCHOOL BAGS** (Guidelines available from the Extension Office)

**DRESS A BEAR- CARE AND SHARE -** 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.

**QUILT, AFGHAN OR BABY BLANKET -** Care and Share... Make any type of quilt, afghan, or baby blanket.

**QUILTS OF VALOR QUILT** for the war wounded, size range: 50"x 60" to 72"x 90". Will receive recognition at State Fair.

**QUILT OF VALOR BLOCK**

**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.

**CREATE A PILLOWCASE -** Use one of the fun print fabrics available or try embroidery, applique, fabric stamping, stenciling, etc. Simple pillowcase pattern is available at the Extension Office.

**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.

SIMPLE FLEECE JACKET, FLEECE HAT and/or SCARF

ACTIVITY BAGS FOR KIDS – Use any tote bag pattern. Sewing for Fun tote bag pattern is available from Extension Office. Fill with coloring books, crayons, quiet activities, books, etc.

BIRDHOUSES, LAP QUILTS, WALKER BAGS FOR NURSING HOMES

SEWING FOR BABIES – Baby gowns, receiving blankets, cross-front shirts, quilts. Patterns are available from the Extension Office.

FOOD JARS - 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, etc.)

SEW KENNEL MATS - Size range: 25"x30" - 35"x40"  
POSTER DIVISION (Club or Individual) – Create a poster showing an individual or club community service project.

## Contests

### DEPARTMENT B COMMUNICATIONS

#### PUBLIC SPEAKING CONTEST

*Tuesday, April 17<sup>th</sup> at 6:30 pm*, Meeting Room, Cass  
County Extension Office  
No Premiums given

Participants prepare and deliver an original speech about 4-H and/or tape a 60 second radio Public Service Announcement (PSA) using the theme for the year. Specific rules and entry forms for the contest can be found at <http://extension.unl.edu/statewide/cass/public-speaking-contest-and-psa-public-service-announcement/>. The top three winners in each age division in both Speech and PSA categories of the Cass County Speech Contest advance to Southeast Regional Competition. At the Regional Contest, Senior division speech and PSA winners will compete for the opportunity to advance to the State Speech Contest at the State Fair.

#### PRESENTATIONS CONTEST

*Monday, August 6, at 1:00 p.m.*, Meeting Room, Cass  
County Extension Office  
Premium 3 to each member, either as an individual or as part of a team

Notify the County Extension Office of presentation title by *July 15*. All digital videos entered into Division 153 – 4-H Filmfest (Digital Videos) must be submitted to the County Extension Office one week prior to event.

#### Rules and Regulations for All Presentations Contest Divisions:

- All classes require the presence of the contestant(s).
- Each participant is required to wear the 4-H chevron, 4-H emblem, or 4-H shirt during their presentation.

- All 4-H Presentations topics should be related to how the 4-H youth is learning about science, healthy living, citizenship, and agricultural literacy.
- Enrollment in the project area in which the participant is making a presentation is not required.
- To be eligible for State Fair, all participants must be 10 years old before January 1 of the current year and have received a purple at county contest.

#### DIVISION 151 – PRESENTATION

A 4-H Presentation, given by one (1) individual or a team of two (2) individuals, is a live presentation with a formal talk where youth will use visual aids (such as props, posters, computer-based visuals, handouts, video, etc.) to show and tell others how to do something.

- A team presentation, consisting of two (2) individuals, may be given for any class: there is no separate class for team presentations
- Time limit is 6-8 minutes for a presentation given by an individual, and 8-10 minutes for a presentation given by a team.
- Participants may be penalized if their presentation exceeds the time limits.
- There will be a stove available in the Meeting Room for advance preparation. Please use an electric skillet or other heating device during the presentation.
- 4-H Presentations should include an introduction (the “why” portion of the topic), a body (the “show and tell” portion of the topic), and a conclusion/summary (the “what” portion of the topic).

#### B-151-CK937 PRESENTATIONS - CLOVER KIDS

Premium 3

B-151-SF113 ILLUSTRATED PRESENTATION

B-151-SF114 ILLUSTRATED PRESENTATION,  
Special Topic: Nebraska Agriculture

B-151-SF115 ILLUSTRATED PRESENTATION,  
Special Topic: Nebraska Agriculture, Food  
Preparation

### **DIVISION 152 – TEACHING (TRADE SHOW EXHIBIT) PRESENTATION CONTEST**

A Teaching (Trade Show Exhibit) Presentation, given by one (1) individual 4-H youth, is a live, interactive, trade show style presentation where youth will continuously engage a constantly-changing/moving audience for 30 minutes by showing and telling them how to do something while answering questions. Multiple (up to 6) Teaching Presentations will be scheduled simultaneously, allowing fairgoers/contest attendees to learn from many 4-H youth at one time. Teaching Presentations are given behind a table amongst 4-H exhibits. Judge occasionally stops to view presentation, ask questions, and observe audience engagement. Communications Modules for youth participating in the Teaching Presentations Contest can be found in the 2018 4-H Project Resource Central found at <https://4h.unl.edu/resources>. Video examples of the contest can be found at <https://4h.unl.edu/presentation-contest>.

- Participants will present for 30 minutes.
- Each participant is required to wear the 4-H chevron, 4-H emblem, or 4-H shirt during their presentation.
- Any 4-H FilmFest digital video that has been previously shared at the County 4-H Presentation Contest or other event that has a live audience (4-H Club Meeting, Community Event, etc.) is eligible for this class.
- Live animals may be used in the presentation. All State Fair Livestock Health Requirements must be followed. Presenters are responsible for all stalling arrangements, care and handling of animals. Animals can only remain in the presentation area while the owner is present.

B-152-SF1 TEACHING PRESENTATION CONTEST  
B-152-SF1 TEACHING PRESENTATION CONTEST,  
Special Topic: Nebraska Agriculture.

### **DIVISION 153 – 4-H FILMFEST (DIGITAL VIDEO)**

The 4-H FilmFest is the display of digital videos that show the recording, reproducing, and broadcasting of moving visual images. Youth will provide a 1-minute oral introduction (name, background/goal of presentation, intended audience, where presentation could be shared, etc.) followed by the showing of their digital video.

The following digital videos may be entered:

- Video Public Service Announcement: A short video that communicates an educational message focused on a cause, activity, or event (Length: 60 seconds).

- Narrative: A video that tells a fact or fiction story (Length: 3-5 minutes).
- Documentary: A video that presents factual information about a person, event, or process (Length: 3-5 minutes).
- Animation: A video created by techniques that simulate movement from individual images (Length: 3-5 minutes).

Digital videos submitted will be judged live at event. The judge will view the videos live and engage in a question and answer session with the video producer(s). The 4-H participant will be on the stage for a formal introduction and then seated in the audience for viewing of video.

Communication Modules for youth participating in the 4-H FilmFest (Digital Video) Contest can be found in the 2018 4-H Project Resource Central found at <https://4h.unl.edu/resources>. Video examples of the contest can be found at <https://4h.unl.edu/presentation-contest>.

- Any 4-H FilmFest digital video that has been previously shared at the County 4-H Presentation Contest or other event that has a live audience (4-H Club Meeting, Community Event, etc.) is eligible for this class.
- The video may include photos, clip art, animation, text, and/or audio/sound. Any freeware/software program may be used to create the presentation. However, the only file formats that will be accepted include: .mpeg, .wmv, .mp4, .mov, .ppt, .pptx, or .avi.
- All digital videos entered into Division 153 – 4-H Filmfest (Digital Videos) must be submitted to the County Extension Office one week prior to event.

B-153-SF1 4-H FILMFEST (DIGITAL VIDEO)

## **DEPARTMENT M PERFORMING ARTS**

### **PERFORMING ARTS CONTEST**

*Thursday, August 9, at 7:30 p.m., Cass County  
fairgrounds*

Register for the Performing Arts Contest before **July 15**.  
Solo performances will be first.

#### **RULES**

- Each group must have three or more participants, all must be 4-H members. A 4-Her may perform in more than one group at the county level.
- DRESS:** Each participant will wear a 4-H chevron or other prominent 4-H identification. 4-H chevrons may be obtained at the County Extension office or purchased at the contest. 4-H members should be aware that there are no clothes changing facilities.
- ACCOMPANIMENT:** Each group must furnish its own background music.
- TIME: Solos are limited to three minutes.**

## **DIVISION 155 - PERFORMING ARTS**

M-155-CK938 CLOVER KID SONG GROUP  
M-155-CK939 CLOVER KID DRILL OR DANCE  
ROUTINE - - Group only

Premium 6a

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)

## **DEPARTMENT M TABLE SETTING CONTEST**

Superintendent: Melissa Marquez

*Monday, August 6, at 11:00a.m., 4-H Building, Cass County fairgrounds*

## **DIVISION 700 - TABLE SETTING**

Pre-enter by July 15<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 but not required. Official 4-H t-shirts are also acceptable attire. Please avoid using valuable or irreplaceable items.

M-700-CK941 TABLE SETTING – CLOVER KIDS

Premium 3

M-700-971 JUNIOR TABLE SETTING CONTEST  
(ages 8-11)

M-700-973 SENIOR TABLE SETTING CONTEST  
(ages 12-18)

## **DEPARTMENT M 4-H SHOOTING SPORTS CONTEST**

Co-Superintendents Tim Dettman, Chris Hlavac, Les Hlavac, James Kavanaugh

Archery/Rifle/Shotgun Competition – Saturday, July 28<sup>th</sup>,  
7:30 am at Platte River State Park

4-H Air Rifle/Air Pistol Competition - Monday, August 6,  
5:00 p.m., Cass County Fairgrounds

Youth wishing to participate in Cass County Shooting sports contest must be enrolled in 4-H for the current year prior to March 1<sup>st</sup> as well as being 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 15<sup>th</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 Les Hlavac to familiarize yourself with your equipment before contest begins.
- **CONTEST ENTRY:** All shooting sports participants must pre-enter on a shooting sports entry sheet due to the extension office by closing on June 30<sup>th</sup>. Pre-entry must be completed for each event. Each contestant must pay park entrance fees and range fees at Platte River State Park before contest begins.
- **ATTIRE FOR CONTESTS:** 4-H Attire must be worn. 4-H t-shirt or white shirt with a 4-H chevron are acceptable. Please wear proper footwear 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 during their participating as directed by the superintendents.
- **SAFETY:** Participants exhibiting any unsafe practices may be 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.
- Each youth will be required to take a written test, for each discipline entered, on the day of the event. Each youth must bring their own equipment – guns, eyewear, and ear protection. If youth bring their own bow, they must bring their own arrows. Bows, firearms, and equipment are available if needed.
- Shooting sports static exhibits may be made and entered at the county fair. See shooting sports under General Areas in the fairbook.
- 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**

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.
- Each participant must have an appropriate supervisor at the firing line.

- Participants will shoot from prone, kneeling, 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)

**DIVISION 347 - AIR RIFLE**

Premium 3

- Participants must provide their own gun, pellets, ear plugs and Safety glasses.
- Participants will shoot from prone, kneeling, and standing positions at 10 meters (33 feet), 10 shots in each.

M-347-974 JUNIOR – AIR RIFLE (Ages 8-10)  
 M-347-975 INTERMEDIATE -AIR RIFLE (Ages 11-13)  
 M-347-976 SENIOR - AIR RIFLE (Ages 14-18)

**DIVISION 347 – SMALL BORE RIFLE .22**

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 to properly and safely handle the firearm and are willing to comply with safety rules.
- Youth will shoot a total of 10 rounds at 25 yards, standing, and 10 rounds at 50 yards, off the bench.

M-347-980 JUNIOR – SMALL BORE RIFLE (Ages 12-13. Or youth 10-13 if cleared by superintendents and leaders)  
 M-347-981 INTERMEDIATE - SMALL BORE RIFLE (Ages 14-15)  
 M-347-982 SENIOR – SMALL BORE RIFLE (Ages 16-18)

**DIVISION 347 - SHOTGUN**

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 to properly and safely handle the firearm and are willing to comply with safety rules.
- Youth will shoot 25 targets at 16 yards, then 25 targets at handicap yardage based on the 16 yard score.

M-347-986 JUNIOR – SHOTGUN (Ages 12-13, or youth 9 -11 if cleared by superintendents and leaders)  
 M-347-987 INTERMEDIATE – SHOTGUN (Ages 14-15)  
 M-347-988 SENIOR – SHOTGUN (Ages 16-18)

**DIVISION 397 - ARCHERY**

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.
- Youth may shoot both freestyle and freestyle limited. PLEASE BE SURE to register which class (freestyle or freestyle limited) you wish to participate in.
- Each division will include a quiz.
- No crossbows.
- The Cass County shoot will follow a competition format this year. Total points of 300 with Xs as tie-breakers. 10 rounds of 3 arrows each.

M-397-990 JUNIOR FREESTYLE: 10 yards (AGES 8-10)  
 M-397-991 JUNIOR FREESTYLE LIMITED: 10 yards (Ages 8-10)  
 M-397-992 INTERMEDIATE FREESTYLE: 20 yards (Ages 11-13)  
 M-397-993 INTERMEDIATE FREESTYLE LIMITED: 20 yards (Ages 11-13)  
 M-397-994 SENIOR FREESTYLE: 25 yards (Ages 14-18)  
 M-397-995 SENIOR FREESTYLE LIMITED: 25 yards (Ages 14-18)

**DIVISON 347 – TOP SHOT COMPETITION**

No Premium

Participants who compete in all 5 shooting sports divisions – BB Gun, Air Rifle, Small Bore Rifle .22, Shotgun, and Archery – are eligible to compete for the Top Shot Trophy. The participant with the highest overall total score in all divisions will be the champion.

M-347-999 TOP SHOT COMPETITION

**DEPARTMENT M**  
**TRACTOR DRIVING**  
 Superintendent David Wehrbein  
 Date and time TBD

**DIVISION 500 - TRACTOR DRIVING**

Premium 2

M-500-50 TRACTOR DRIVING: Rules for the tractor driving contest are outlined in EC 7-56-77 "Tractor Driving Courses: 4-H Tractor Operators Contests and Hazardous Occupation Training". Participants must adhere to the 4-H dress code outlined in "General Rules 4-H". **All participants must be 14 years or older according to state guidelines. The tractor used is provided by the Cass County Ag Society.**

## LIVESTOCK JUDGING CONTEST

Superintendent Dan Roeber

Saturday, **August 11**, 9:00 a.m., 8:30 a.m. Registration, Cass County Fairgrounds Livestock Barn Show Ring

- 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.
- The contest consists of 2 beef classes, 2 sheep classes, and 2 swine classes. Oral reasons will be given (one class for each species)
- Ribbons will be awarded but no premiums are paid. The Cass-Otoe Cattlemen and the Cass County 4-H Council each donate \$100 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

Friday, **August 10**, 12:30 p.m. Registration, Cass County Fairgrounds Arena

- The contest will be split into Senior and Junior Divisions based on 4-H age of the participant (Senior age 12 years and older, and Junior age 11 years and under).
- Ribbons will be awarded but no premiums are paid. 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.

# Foods

## 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 the county fair to advance to the 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:

- A member may enter one exhibit per Class number in each project in which they are enrolled.
- LABELS --For all FOOD PRODUCTS and FOOD PRESERVATION --Each exhibit must include the recipe. The recipe may be handwritten, photocopied, or typed. Place the food on the appropriate sized plate. Put exhibit in a self-sealing bag. Attach entry tag to the outside corner of the bag. FOR NON FOOD ENTRIES--Attach the entry tag to the upper right hand corner of the entry. GENERAL LABELING INFORMATION-- All additional information pieces (recipes, cards, special items) must be labeled with exhibitor's name and county.
- CRITERIA FOR JUDGING- Exhibits will be judged according to score sheet 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.

- ENTER FOOD PRODUCTS in disposable material i.e. paper plate and self-sealing bag.
- 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.
- **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 (i.e. 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.

- **YOU BE THE TEACHER GUIDELINES**-- These 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 5

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

### **E-350-SF1 FOOD SCIENCE EXPLORATIONS**

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" by 30"), computer based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio, or notebook.

**E-350-SF2 FOODS, AND NUTRITION POSTER, SCRAPBOOK, OR PHOTO DISPLAY** - involving a nutrition or food preparation 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" by 30"), computer based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio, or notebook.

**E-350-SF3 PHYSICAL ACTIVITY and HEALTH POSTER, SCRAPBOOK, OR PHOTO DISPLAY** 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" by 30"), computer based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio, or notebook.

**E-350-SF4 COOKING BASICS RECIPE FILE**  
A collection of 10 recipes from any source. Each recipe must accompany a complete menu in which the recipe is used. An additional 10 recipes may be added each year the 4-H'er is in the project, with year clearly marked on recipes. Display in a recipe file or binder. Be sure to include the number of servings or yield of each recipe. This may be a continued recipe file project from the previously used 4-H curriculum before 2018.

## **DIVISION 401 – COOKING 101**

Premium 5

\* County Project Only – not eligible for State Fair Competition.

- 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. 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 inches.
- 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.)

## **DIVISION 410 – COOKING 201**

Premium 5

- E-410-SF1 LOAF QUICK BREAD – (any recipe, at least 3/4 of a baked product on a paper plate. May be baked in a disposable pan.) 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-SF2 CREATIVE MIXES (any recipe, at least 3/4 of a baked product or 4 muffins or cookies on a paper plate. May be baked 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 breads from biscuit dough, Streusel Coffee Cake from a cake mix etc. **Write what you learned about making this product using a mix instead of a homemade recipe or recipe made from scratch. Does it make it better or**

**easier to use a convenience product or mix? Why or why not?**

- E-410-SF3 BISCUITS OR SCONES - Four biscuits or scones on a small paper plate. This may be any type of biscuit or scone: rolled or dropped. Any recipe may be used, but it must be a non-yeast product baked from scratch.
- E-410-SF4 HEALTHY BAKED PRODUCT (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 contain a fruit or vegetable as part of the ingredients (Ex. banana bars, cantaloupe quick bread, zucchini muffins, etc.).
- E-410-SF5 COFFEE CAKE – any recipe or shape, non-yeast product - at least ¾ of baked product. May be baked in a disposable pan.) Include menu for a complete meal where this recipe is served, following meal planning guidelines suggested in Cooking 201.
- E-410-SF6 BAKING WITH WHOLE GRAINS – any recipe, at least ¾ of baked product or 4 muffins/cookies on a paper plate. May be baked in a disposable pan. Recipe must contain whole grains as part of the ingredients. (Ex. whole wheat applesauce bread, peanut butter oatmeal cookies, etc.)
- E-410-SF7 NON-TRADITIONAL BAKED PRODUCT exhibit must include a food product prepared using a non-traditional method (i.e. bread machine, cake baked in convection oven, baked item made in microwave, etc.) Entry must be at least ¾ baked product, or 4 muffins or cookies on a paper plate. Entry must include supporting information that discusses alternative preparation method and how it compares with traditional method.
- 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 inches.
- 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.

## **DIVISION 411 – COOKING 301**

### **Premium 5**

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-SF1 WHITE BREAD – any yeast recipe, at least ¾ of a standard loaf displayed on a paper plate.
- E-411-SF2 WHOLE WHEAT OR MIXED GRAIN BREAD – any yeast recipe, at least ¾ of a standard loaf displayed on a paper plate.
- E-411-SF3 SPECIALTY ROLLS – any yeast recipe, 4 rolls on a paper plate. May be sweet rolls, English muffins, kolaches, bagels, or any other similar recipe that makes individual portions.
- E-411-SF4 DINNER ROLLS – any yeast recipe, 4 rolls on a paper plate. May be cloverleaf, crescent, knot, bun, bread sticks, or any other type of dinner roll.
- E-411-SF5 SPECIALTY BREAD – any yeast recipe, includes tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least ¾ of a full sized baked product. May be baked in a disposable pan.
- E-411-SF6 SHORTENED CAKE – NOT FROM A CAKE MIX! At least ¾ of the cake. Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming, and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).
- E-411-978 YOU BE THE TEACHER - Share with others what you learned in this project.

## **DIVISION 412 – COOKING 401**

### **Premium 5**

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 – 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-SF2 FAMILY FOOD TRADITIONS – any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Any baked item associated with family tradition and heritage. Entry must include (A) recipe, (B) tradition or heritage associated with preparing, serving the food, (C) where or who the traditional recipe came from.
- E-412- SF3 ETHNIC FOOD EXHIBIT – any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. The name of the country, culture or region should be included as part of the supporting information with the recipe, as well as some background information about the country or culture the food item is representing.
- E-412- SF4 CANDY – any recipe, 4 pieces of candy on a paper plate or ½ cup. No items containing cream cheese will be accepted (Example: cream cheese mints). Candy may be cooked or no cook; dipped,

molded, made in the microwave or other methods of candy preparation. Recipe must be included.

E-412- SF5 FOAM CAKE – original recipe (no mixes) of at least ¾ of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

E-412-SF6 SPECIALTY PASTRY – any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate. May be baked 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.

## **DIVISION 407 - FOOD PRESERVATION**

Premium 4

### **FOOD PRESERVATION RULES:**

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

- A. 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.**
- B. UNIFORMITY**--Jars and type of lid should be the same size, all small or all large, but not necessarily 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 lids. Improperly canned or potentially hazardous food items will be disqualified.**
- C. CURRENT PROJECT**- All canning must be the results of this year's 4-H project, since September 1 of the previous calendar year.
- D. CRITERIA FOR JUDGING** - Exhibits will be judged according to the score sheets available at your local extension office or at <http://4h.unl.edu/county-fair/scoresheets>. Check with your local extension office for your county's altitude and how that affects food processing times and pounds of pressure.
- E. RECIPE/LABELING** – Recipe must be included, and may be handwritten, photocopied or typed. Commercially prepared mixes are not allowed. See <http://food.unl.edu/web/preservation/home> for current USDA guidelines, how to find your Nebraska altitude, and proper procedures for food preservation. Jars should be labeled with name of 4-H'er, county, and date of processing. 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:

- a. Name of product
- b. Date preserved
- c. Method of preservation (pressure canner or water bath canner)
- d. Type of pack (raw pack or hot pack)
- e. Altitude (and altitude adjustment, if needed)
- f. Processing time
- g. Number of pounds of pressure (if pressure canner used)
- h. Drying method and drying time (for dried food exhibits). Write plainly on label and attach securely to exhibit. Securely attach official entry card to exhibit. Multiple dried food exhibits should be secured by a rubber band or "twisty" to keep exhibit containing the 3 self-sealing bags together.
- i. Recipe and source of recipe (if a publication, include name and date)

NOTE: Recipes can come from any source but current USDA guidelines for food preservation methods **MUST** be followed. See <http://food.unl.edu/web/preservation/home> for current USDA guidelines.

### **UNIT 1 FREEZING PROJECT MANUAL**

E-407-SF1 BAKED ITEM MADE WITH FROZEN PRODUCE (Scoresheet SF155) 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-SF2 DRIED FRUITS (Scoresheet SF154) 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-SF3 FRUIT LEATHER (Scoresheet SF154) exhibit 3 different examples of 3 different fruit leathers. Place a 3-4" sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E-407-SF4 VEGETABLE LEATHER (Scoresheet SF154) exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3-4" sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E-407-SF5 DRIED VEGETABLES (Scoresheet SF149) 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-SF6 DRIED HERBS (Scoresheet SF149) exhibit 3 different samples of 3 different dried herbs. Place

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

- E-407-SF7 **BAKED ITEM MADE WITH DRIED PRODUCE/HERBS** (Scoresheet SF156) any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Recipe **MUST** include a dried produce/herb item made by the 4-H'er. Ex. Granola bar made with dried fruits, dried cranberry cookies, Italian herb bread, lemon thyme cookies. Supporting information must include both the recipe for the dried produce/herb **AND** the baked food item.

### **UNIT 3 BOILING WATER CANNING MANUAL**

- E-407-SF8 **1 JAR FRUIT EXHIBIT** (Scoresheet SF150) exhibit one jar of a canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.
- E-407-SF9 **3 JAR FRUIT EXHIBIT** (Scoresheet SF150) exhibit 3 jars of different canned fruits. May be three different techniques for same type of product, ex. Applesauce, canned apples, apple pie filling, etc. Entry must be processed in the boiling water bath according to current USDA recommendations.
- E-407-SF10 **1 JAR TOMATO EXHIBIT** (Scoresheet SF150) exhibit one jar of a canned tomato product. Entry must be processed in a boiling water bath according to current USDA recommendations.
- E-407-SF11 **3 JAR TOMATO EXHIBIT** - Scoresheet SF150 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-407-SF12 **1 JAR PICKLED EXHIBIT** (Scoresheet SF150) one jar of a pickled and/or fermented product. Entry must be processed in the boiling water bath according to current USDA recommendations.
- E-407-SF13 **3 JAR PICKLED EXHIBIT** (Scoresheet SF150) 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-407-SF14 **1 JAR JELLED EXHIBIT** (Scoresheet SF153) exhibit one jar of a jam, jelly or marmalade. Entry must be processed in the boiling water bath according to current USDA recommendations.
- E-407-SF15 **3 JAR JELLED EXHIBIT** (Scoresheet SF153) exhibit 3 different kinds of jelled products. Entry may be made up of either pints or half pints (but all jars must be the same size). Entry must be processed in the boiling water bath according to current USDA recommendations.

### **UNIT 4 PRESSURE CANNING PROJECT MANUAL**

- E-407-SF16 **JAR VEGETABLE OR MEAT EXHIBIT** (Scoresheet SF150) 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-407-SF17 **3 JAR VEGETABLE EXHIBIT** (Scoresheet SF150) exhibit 3 jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to current USDA recommendations.
- E-407-SF18 **3 JAR MEAT EXHIBIT** (Scoresheet SF150) exhibit 3 jars of different kinds of canned meats. Include only meats canned in a pressure canner according to current USDA recommendations.
- E-407-SF19 **QUICK DINNER** (Scoresheet SF151) exhibit a minimum of 3 jars to a maximum of 5 jars (all the same size) plus menu. Meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3" X 5" file card and attach to one of the jars. Entry must be processed according to current USDA recommendations
- E-407-SF20 **JAR TOMATO EXHIBIT** (Scoresheet SF150) exhibit one jar of a canned tomato product. Entry must be processed in a pressure canner according to current USDA recommendations.
- E-407-SF21 **3 JAR TOMATO EXHIBIT** (Scoresheet SF150) exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a pressure canner according to current USDA recommendations.

## **DIVISION 417 - CAKE DECORATING -**

Premium 5



Wilton provides incentives to the top two awards in this area.

- E-417-985 **CAKE DECORATING DISPLAY BOARD OR BOX** - show a minimum of three borders, three flowers, and two leaves.
- E-417-986 **DECORATED COOKIES** - show skills learned this year. Four on a plate.
- E-417-987 **ONE OR TWO LAYER DECORATED CAKE** - any shape, showing skills learned this year. **(Decorate only with items that may be eaten.)** The cake should be displayed on a disposable cake board, and made from an original design. Cake will not be judged, only decorations.
- E-417-988 **DECORATED CAKE MADE WITH PREFORMED PAN** - (Mickey Mouse, Hello Kitty). **(Decorate only with items that may be eaten.)** Cake will not be judged, only decorations.
- E-417-989 **SCRAPBOOK OF DECORATED CAKES** - showing your collection of cake pictures and pattern ideas, including any pictures or sketches of cakes decorated by exhibitor.
- E-417-990 **FROSTED AND DECORATED 8" OR 9" ROUND CAKE FORM** (Styrofoam or cardboard acceptable).
- E-417-991 **DECORATED CUPCAKES** - show skills learned this year. Four on a plate. Cupcakes will not be judged, only decorations.
- E-417-992 **DECORATED CAKE USING FONDANT**

## **DIVISION 418 - GINGERBREAD HOUSE**

Premium 5

- E-418-991 SMALL GRAHAM CRACKER  
GINGERBREAD HOUSE- pint milk carton size.  
Decorate in any manner.
- E-418-992 GRAHAM CRACKER GINGERBREAD  
HOUSE - any size and style. Decorate in any manner.
- E-418-993 GINGERBREAD HOUSE MADE FROM  
HOMEMADE GINGERBREAD, any size and style.  
Decorate in any manner.
- E-418-994 GINGERBREAD HOUSE MADE FROM  
COMMERCIAL GINGERBREAD KIT, any size and  
style. Decorate in any manner.

### DIVISION 419 - CANDY MAKING

Premium 5

All candy should be displayed four pieces on a small paper plate with recipe placed under the plate. Place all in a plastic bag and close.

- E-419-993 SUGAR FREE CANDY
- E-419-994 NO-COOK CANDY
- E-419-995 DIPPED CANDY

- E-419-996 MOLDED CANDY
- E-419-997 COOKED CANDY
- E-419-998 MICROWAVE CANDY
- E-419-998 GLUTEN FREE CANDY

### DIVISION 420 - FOOD FLOP

Premium 5

- 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 5

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

## General Areas

### DEPARTMENT GENERAL AREAS

Superintendent Teresa Hawks

Each individual 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 exhibited at State Fair. Dave and Jeanette Freely are donating \$100 to be divided among the Champion & Reserve winners in the areas of welding, woodworking, safety, and electricity.

### 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 inches and not to exceed 1/4" in thickness. A height of 23 7/8 inches is acceptable to allow for the saw kerf if two 24 inch boards are cut from one end of a 4' X 8' sheet of plywood. Nothing should be mounted within 3/4" of the top or bottom of the board.
- 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.

### FORESTRY

### DIVISION 320 - FORESTRY

Premium 5

- GENERAL INFORMATION:** The official reference for all forestry projects is [Tree Identification Manual \(4-H 332\)](#). Other helpful forestry references include "Trees of Nebraska" (EC 92-1774-X), "4-H Forestry Program Unit B-Forests" (CO 752), and "Plant a Tree" (EC 17-11-80).
- A. Display "boards" must be made from wood or wood composite, e.g., plywood, fiberboard, or Masonite, 1/4" to 1/2" thick and no larger than 24" x 24".
  - B. Display boards may be coated, e.g. painted, varnished or equivalent to prevent warping.
  - C. Display "posters" must be made from a material, e.g. foam board or poster board that will stand upright without buckling, and be no larger than 24"x24".
  - D. Display "books" must measure no more than 16"x16".
  - E. 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, i.e. *Acer platanoides*. All samples must be from trees, No shrubs. If more than 10 samples are included in the display, only the first 10 samples from the current year will be judged.

- F. Remember that other general labeling standards apply. For example scientific names are always italicized or underlined. Also, the first letter of a Genus name is always capitalized. The first letter of a species name is always lower case. When required, always indicate complete scientific names (Genus and species) and common names, (e.g. Norway Maple) even when “variety names” are included. For example the scientific name of Emerald Queen Maple is *Acer platanoides* and the common name is Norway maple. “Emerald Queen” may be included as the variety name, but variety names are not required.
- G. How well the exhibitor follows written directions is an important factor in judging.

D-320-SF1 DESIGN-YOUR-OWN EXHIBIT - Prepare an educational exhibit about some aspect of trees, forests, or forestry that is of special interest to you. Possible topics include paper recycling, wild fire, forest products, forest wildlife, or forest pests. The only requirement is that the display must be no larger than 24"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-SF2 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 and compound leaves, conifer leaves. Leaves should be pressed, dried and mounted.

- A. 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 (if compound) intact.
1. After collection fresh leaf samples can be temporarily stored within the pages an old magazine but they should be properly pressed and dried for display. Be sure to record pertinent information during collection.
- B. 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 identified.
- C. 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. exhibitor’s name
  7. collection date
  8. collection location (be specific, state and county at a minimum)

- a. If a twig is included with a sample, indicate “twig included” on the label. For example, the twig may be included with an eastern cedar sample because the leaves are very small and difficult to remove from the twig. Supplemental information, e.g. general uses, common products, fall color, etc., may be included with the display to enhance its educational value.

D-320-SF3 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 alternative leaf arrangements from broadleaf trees.

- A. 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 should be trimmed to less than one inch
- B. Mounting: Twigs must be mounted on a display board. Any method, e.g. wire, glue, tape, staples, plastic bags, may be used to mount twigs, but be sure all features can be identified.
1. The non-terminal end must be cut at a slant so the pith can be seen.
- C. Labeling: The label for each sample must include:
1. common name
  2. scientific name
  3. leaf arrangement (for broadleaf trees)
  4. exhibitor’s name
  5. collection date
  6. collection location (be specific, state and county at a minimum)
- D. Supplemental information, e.g. general uses, tree characteristics, etc., may be included with the display to enhance educational value.

D-320-SF4 SEED DISPLAY- The seed display must include seed samples from at least 10 different tree species.

- A. Collection: Tree seeds should be collected at the time of year when they are mature, which varies widely depending on 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 the seeds not fruit. For example, the seed from 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.
- B. Mounting: Seeds may be displayed in a variety of ways, e.g. mounted on a display board, displayed in jars on a rack but they must be securely mounted and easily viewed. Be as creative as you like.
- C. Labeling: The labels for each sample must include:
1. common name
  2. scientific name

3. type of fruit, if known (e.g. samara, pod, nut, etc.)
4. exhibitor's name
5. collection date
6. collection location (be specific, state and county at a minimum)

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

D-320-SF5 WOOD DISPLAY- The wood display must include wood samples from 10 different tree species.

A. 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 sections of 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.

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

C. Labeling: The label for each sample must include:

1. common name
2. scientific name
3. wood type (softwood or hardwood)
4. exhibitor's name
5. collection date
6. collection location (be specific, state and county at a minimum)

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

D-320-SF6 CROSS-SECTION - Display a disc cut from a tree species listed in 4-H 332. The sample must be collected within one year of the state fair judging date. The disc must measure 6 inches 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.

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

- A. pith
- B. heartwood
- C. sapwood
- D. one growth ring (beginning and end)
- E. cambium
- F. bark

1. A separate label attached to the back of the disc must include:
  - a. common name
  - b. scientific name
  - c. tree classification (softwood or hardwood)
  - d. age (of the cross section)
  - e. exhibitor's name
  - f. collection date
  - g. collection location (be specific, state and county at a minimum)

D-320-SF7 PARTS OF A TREE – (This project is only for ages 8 – 11).

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

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

B. 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-SF8 LIVING TREE - Display a living tree seedling grown by the exhibitor from seed in the display container. The seed must be from a species listed in 4H 332. The seedling must be 60 days to 1 year old (on State Fair judging day). The display container must contain at least 8" of soil (potting mix or suitable natural soil), have drainage hole(s), and a drain pan to catch drainage water.

A. Labeling: A waterproof label must be attached and include:

1. common name
2. scientific name
3. seed treatments (if any)
4. planting date
5. emergence date
6. exhibitor's name.

B. 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-320-971 OTHER FORESTRY EXHIBIT

## CONSERVATION & WILDLIFE

A. SHOW WHAT YOU DID AND LEARNED. All exhibitors are encouraged to show evidence of their personal field experiences, study, or observations that relate to their exhibit. This helps judges understand

what the 4-Her did and learned in the process that led to the exhibit.

- B. **PROPER CREDIT.** Show proper credit by listing the sources of plans or other supporting information used in the exhibits.
- C. **WHOSE EXHIBIT?** The exhibitor's name, county, and age must be on the back or bottom of all displays so that the owner can be identified even if the entry tag becomes separated from the exhibit.
- D. **WILDLIFE AND WILDLIFE LAWS.** "Animal" or "wildlife" in the following instructions includes wild fish, amphibians, reptiles, birds, or mammals. Follow wildlife laws; example: wildlife laws do not allow collection of bird nests, eggs, or any of their parts.
- E. **ENTRIES PER INDIVIDUAL.** Each individual may enter one exhibit per class.
- F. **PROJECT MATERIALS.** Related project booklets include Exploring Your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 5-93-81), Fishing for Adventure Project Manuals, Wildlife Conservation (4-H 125), and Outdoor Skills: Learning Science in the Outdoors series (Science Signature Outcome Program),
- G. **BOARD AND POSTER EXHIBITS-**These are displays that show educational information about a topic of interest. Board exhibits can hold objects such as fishing equipment or casts of animal tracks. Mount all board exhibits on 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.
- H. **SCORING-**Sample score sheets are available at your county extension office and on the UNL 4-H web page (<http://4h.unl.edu>).

## **DIVISION 340 - WILDLIFE AND HOW THEY LIVE**

Premium 5

D-340-SF1 MAMMAL DISPLAY

D-340-SF2 BIRD DISPLAY

D-340-SF3 FISH DISPLAY

D-340-SF4 REPTILE OR AMPHIBIAN DISPLAY.

Classes 1- 4 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation, restoration, or management. 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 study methods; wildlife behavior (example: when nesting, finding food, moving, etc.); habitats (example: grasslands, wetlands, river or stream corridors) and what wildlife is found there; habitat needs for a specific kind of wildlife. For more ideas, refer to project manuals.

D-340-SF5 **WILDLIFE CONNECTIONS.** Board exhibit or poster. The purpose of this display is to show inter-connections and related aspects among animals, plants, and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals or between

animals and their habitat. Displays might show how animals interact with other animals, people, or their habitat. Examples: 1) Food chain display. Use pictures, drawings, or other items to illustrate the source of food energy and where it goes-who eats whom or what. Use arrows to show the direction of the energy (food) flow. 2) Show the role of predators, scavengers, insect eaters, or others in nature. 3) Show how wildlife numbers (populations) change through the year or with their habitat. 4) Show predation, competition, or other behavioral interactions of wildlife. 5) Choose one kind of wildlife and make observations through a season or year, keep notes of interactions, then make a display of what you saw. 6) For more ideas, refer to project manuals.

D-340-SF6 **WILDLIFE TRACKS.** Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. There are two options. For both options, include a brief description of your experiences in making the tracks so the judge better understands what you did and learned. Positive casts (impressions as they would be in nature) are preferred.

- A. 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
- B. Option 2 should show two or more plaster-of-paris track of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal.
- C. 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-SF7 **WILDLIFE KNOWLEDGE CHECK.** 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 inches. Example: prepare a list of animals and questions about where each would most likely live. Rabbits-brushy areas along field borders; ducks-marshes, etc.

D-340-SF8 **WILDLIFE DIORAMA.** Box must be no larger than 24" x 24". The exhibit might show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Exhibitor: show a large unbroken grassland or prairie for area-sensitive species such as meadow larks, greater prairie-chicken, lark bunting, grasshopper sparrows, Ferruginous hawk, burrowing owl, horned lark, upland sandpiper, or pronghorn; AND/OR show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, ring-necked pheasants, mourning doves, cottontail rabbits, fox squirrels, Northern cardinals, or blue jays. Label the

habitats displayed and show at least five kinds of wildlife in their proper habitats.

D-340-SF9 **WILDLIFE ESSAY.** Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values of wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about hunting, fishing, or ethics and proper behavior for hunting or fishing. For other ideas, refer to project booklets. The essay should be between 100 and 1000 words long and should be typed, double spaced, or written so that it can be easily read. Standard size paper (8-1/2 x 11") format is preferred. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.

D-340-SF10 **WILDLIFE VALUES SCRAPBOOK.** Make a scrapbook about the various values of wildlife (commercial value, game value, genetic value, aesthetic value, ecological value, scientific value) following guidelines in the Wildlife Conservation project booklet (4-H 125).

D-340-SF11 **WILDLIFE ARTS.** The purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, wood carvings, or painted duck decoys, songs or poems written by the exhibitor. Entries must be appropriate for fair display and no larger than 24" x 24". For example, paintings or photographs should be displayed in notebook format or mounted on a sturdy display panel. All entries must include a title and brief explanation of the purpose or message (what is the exhibit meant to show).

## **DIVISION 342 - WILDLIFE HABITAT**

Premium 5

D-342-SF1 **HOUSES.** 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 should be located for best use, and 3) any seasonal maintenance needed. Tips: check Neb Guide on bird houses and shelves.

D-342-SF2 **FEEDERS/ WATERERS.** 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-SF3 **WILDLIFE HABITAT DESIGN.** Board or poster exhibit. Choose a backyard, acreage, or farm,

and design a habitat plan to meet the food, water, shelter, and space needs of at least three kinds of animals you would like to attract. Draw an outline of the area and show what plants or other habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial poster of the area if you have one. For ideas, check the Wildlife Habitat Evaluation Handbook, Participant's Manual (NE 4H4300).

## **DIVISION 343 - HARVESTING EQUIPMENT**

Premium 5

D-343-SF1 **FISH HARVESTING EQUIPMENT.** Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: 1) the purpose of each item, 2) when or where it is used in relation to other equipment, and 3) any personal experiences you've had with the item(s).

D-343-SF2 **BUILD A FISHING ROD.** Build your own fishing rod for exhibit and for fishing use. Rod building blanks and kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches length. Exhibit must be mounted on a board and labeled with the member's name, county and class number.

- A. Include with the exhibit the following items as a brief attachment: Explanation of cost of materials/components, where materials/components were purchased, how made, and number of hours required for construction.
- B. Identify all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread.
- C. Exhibit will be judged on: workmanship, labeling of parts (guides, etc.), correct information, and neatness.

D-343-SF3 **CASTING TARGET.** Make a casting target for exhibit and use, following guidelines in the Fishing for Adventure Manuals.

D-343-SF4 **WILDLIFE HARVESTING EQUIPMENT.** Board exhibit. Display of equipment used in harvesting wildlife. Examples: expended ammunition casing (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For display of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed. Include in your exhibit the following information:

1. the purpose of each item,
2. when or where each item is used in relation to other equipment, and
3. any personal experiences you've had with the item(s).

D-343-SF5 **INVENTING WILDLIFE/FISH HARVESTING EQUIPMENT, AID OR ACCESSORY**

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

## **DIVISION 346 - TAXIDERMY**

Premium 5

- D-346-SF1 TANNED HIDES OR TAXIDERMY. Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information:
1. the animal's name
  2. Information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

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

4-H Shooting Sports requires youth to be under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle (bb gun), archery, pistol, blackpowder/muzzleloader, and/or hunting skills. No firearms can be entered as an exhibit, however information can be shared through pictures.

- D-347-SF1 SHOOTING AID OR ACCESSORY – Any item which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc... Include your design, or plans you adapted, what the item is and used for.
- D-347-SF2 STORAGE CASE – 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-SF3 PRACTICE GAME OR ACTIVITY – invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials for 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.
- D-347-SF4 SCIENCE, ENGINEERING, TECHNOLOGY ADVANCEMENTS OF SHOOTING SPORTS ESSAY OR DISPLAY – Choose a specific area of shooting sports and share how it has advanced, include a timeline and photos or illustrations. Keep your topic narrow and manageable. Essays are limited to 1000 words and should be on 8 ½ x 11 paper.
- D-347-SF5 HEALTHY LIFESTYLES PLAN – 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-SF6 CITIZENSHIP/LEADERSHIP PROJECT – Share a display on a citizenship project or leadership project the 4-H member took on individually or with a group to improve some aspect related to 4-H Shooting Sports. Examples could be range development, conservation planting to attract wildlife, a camp, 4-H recruitment event. Include who benefitted from the project, what the 4-H member's role was, and any results.
- D-347-SF8 CAREER DEVELOPMENT/COLLEGE ESSAY, INTERVIEW OR DISPLAY – Research opportunities for careers related to this area or opportunities for college majors or college activities to help discover using project skills beyond a person's 4-H career. Essays are limited to 1000 words and should be on 8 ½ x 11 paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers.
- D-347-SF9 COMMUNITY VITALITY DISPLAY – 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-SF10 AG LITERACY-VALUE ADDED AGRICULTURE INTERVIEW OR RESEARCH PROJECT – Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present finding in an interesting way for the public to learn from.

## **DIVISION 361 - OTHER NATURAL RESOURCES**

Premium 5

- D-361-SF1 DESIGN YOUR OWN EXHIBIT IN NATURAL RESOURCES, CONSERVATION OR ECOLOGY - This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. 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.

## **SAFETY**

### **DIVISION 440 - SAFETY, GENERAL**

Premium 5

- E-440-SF1 FIRST AID KIT. – A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kit's intended use. A description of where the kit will be stored and examples of specific emergencies

for that situation should be included in the exhibit. The kit should 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 and score sheet SF110 for guidance. Kits containing any of the following will be automatically disqualified:

1. Prescription medications. (If the kit's purpose is to provide medication for someone with special needs, explain in the written description and inventory, but remove the medication.)
2. Materials with expiration dates on or before the judging date (This includes sterile items, non-prescription medications, ointments, salves, etc. Articles dated month and year only are considered expired on the last day of that month.)
3. Any controlled substance.

**E-440-SF2 DISASTER KIT (Emergency Preparedness).**

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. Refer to score sheet SF111.

**E-440-SF3 SAFETY SCRAPBOOK** - The scrapbook must contain 15 news articles from print and/or internet sources about various incident types. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The scrapbook should be bound in a standard size hard cover binder or notebook for 8 1/2" x 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

**E-440-SF4 SAFETY EXPERIENCE CLASS** - 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 situation. The exhibit should include a detailed description of the experience, the youth's role, some evidence of the youth's leadership in the situation, and a summary of the learning that took place. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to 10 pages of narrative and pictures, or a multimedia presentation on a CD lasting up to 5 minutes.

**E-440-SF5 CAREERS IN SAFETY**-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 web-sites, job-related government web-sites, or interviews with career placement or guidance counselors. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to 10 pages of narrative and pictures, or a multimedia presentation on a CD lasting up to 5 minutes.

## **DIVISION 450 - FIRE SAFETY**

### **Premium 5**

**E-450-SF1 FIRE SAFETY POSTER.** This is a home floor plan drawn to scale showing primary and secondary escape routes and where fire extinguishers and smoke detectors are located. Draw every room including all doors and windows. Use black or blue arrows showing 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-SF2 FIRE SAFETY SCRAPBOOK.** 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 8 1/2" x 11" paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

**E-450-SF3 FIRE PREVENTION POSTER** (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). 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".

## ENTOMOLOGY

### DIVISION 800 - ENTOMOLOGY

#### Premium 5

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 previous version of the Nebraska 4-H Entomology manual online at <http://nebraska4hprojects.com>. Boxes are preferred to be 12" high x 18" wide, and landscape orientation, so they fit in display racks. Purchase of commercially-made boxes is allowed. All specimens must be from the collector.

#### H-800-SF1 ENTOMOLOGY DISPLAY - FIRST YEAR PROJECT - 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-SF2 ENTOMOLOGY DISPLAY - SECOND YEAR PROJECT - Collection to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. About 25 species should be from present from after July 1 of previous year. Limit 2 boxes.

#### H-800-SF3 ENTOMOLOGY DISPLAY - THIRD YEAR OR MORE PROJECT - Collection to consist of minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. About 25 species should be present from after July 1 of previous year. Limit 3 boxes.

#### H-800-SF4 SPECIAL INTEREST DISPLAY. Educational display developed according to personal interests and/or advanced identification capability. This also is an opportunity to highlight favorite insects in a creative arrangement. Insects should conform to pinning and mounting standards as in Classes 1-3 and be protected in an insect box. Each specialty display should include names of the insects, interesting information about them, and why the display was made. Advanced identification collections should have insects grouped with labels that correspond with identification level (e.g. family, genus, species). A specialty collection may consist of insects by taxonomic group (e.g. butterflies, grasshoppers, dragonflies, scarab beetles) or by host, subject or habitat (e.g. insect pests of corn, aquatic insects, insect mimicry, insect galls, insects from goldenrod, insect pollinators, etc.).

#### H-800-SF5 INSECT HABITATS - Habitats consist of any hand-crafted objects, made of natural or artificial materials, placed outdoors, which promote or conserve insects in the environment. Insects may include bee pollinators, butterflies, beneficial insects, etc. A one-page report describing activities must accompany the exhibit.

#### H-800-SF6 MACROPHOTOGRAPHY - Subjects should be insects, spiders or other arthropods, or any nests, webs or constructions they make. All exhibit prints

should be 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-SF7 INSECT POSTER/DISPLAY EXHIBITS – Exhibits can be posters or three-dimensional displays, and artistic creativity is encouraged. Posters should be no larger than 22" x 28". They should be instructional and can be attractive and have pictures, drawings, charts, or graphs. Posters and displays may show any aspect of insect life, habitat, or related conservation or management. Examples include life history and other facts about an insect; insect anatomy; how to manage insects in a farm, home, lawn, or garden setting; experiences rearing one kind of insect; survey of an important insect; insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes) and what insects are found there, etc. Three-dimensional displays, such as dioramas, sculptures, models or decorative boxes should have a page of explanatory information accompanying them and fit within a 22" x 28" area.

#### H-800-SF8 REPORTS OR JOURNALS – Reports and journals should be in a 3-ring binder. A report may be informational, that is, an original article about a favorite insect, a history of insect outbreaks, diseases caused by insects, insects as food, etc. Or, it may be a research report about an investigation or experiment done in a scientific manner. It then should have a basic introduction of the insect studied, methods used, observations, and results of the project. Tables, graphs and images are helpful to include. A journal is an observational study over a period of time with personal impressions. It may cover watching changes of kinds of butterflies over the summer, rearing a specific insect from egg to adult, managing a bee hive, observations of insects in a specific habitat, accounts of insect behavior in a forest or flower garden, etc.

#### H-800-972 OTHER ENTOMOLOGY EXHIBIT

## VETERINARY SCIENCE

### DIVISION 840 - VETERINARY SCIENCE

#### Premium 5

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

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. **NO ANIMAL FIRST AID KITS WILL BE PERMITTED.** Animal first aid kits submitted will be immediately disqualified and not shown.
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 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or in a three ring binder or another bound notebook format.

Appropriate Veterinary Science Topics:

1. Maintaining health
2. Specific disease information
3. Photographic display of normal and abnormal characteristics of animals
4. Animal health or safety
5. Public health or safety
6. Proper animal management to ensure food safety & quality
7. Efficient and safe livestock working facilities
8. Or a topic of the exhibitors choosing related to veterinary medicine or veterinary science

Remember, since these are science displays, all references and information 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

H-840-SF1 4-H VETERINARY SCIENCE LARGE ANIMAL POSTER, NOTEBOOK, OR DISPLAY.

H-800-SF2 4-H VETERINARY SCIENCE SMALL ANIMAL/PET POSTER, NOTEBOOK, OR DISPLAY

## AEROSPACE

### DIVISION 850 - AEROSPACE

#### Premium 4

- A. Rockets must be supported substantially to protect the rocket from breakage. Rockets are to be mounted on 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 is dictated by the size of the rocket fins. The rockets must be mounted vertically. Please do not attach sideboards or backdrops to the displays. In addition, a used engine or length of dowel pin is to be glued and/or screwed into the board and extended up into the rocket's engine mount to give added stability. Rockets must be equipped as prepared for launching, with wadding and parachute or other recovery system. **DO NOT ENTER** Rockets with live engines, wrong base size or sideboards (They will be disqualified at State Fair). A report, protected in clear plastic cover, must be included describing 1) rocket specification (including 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. The flight record should describe engine used, what rocket did in flight, and recovery success. Points will not be deducted for launching, flight or recovery failures described. This includes any damage that may show on the rocket. Complete factory assembled rockets will not be accepted. Judging is based upon display appearance, rocket appearance, workmanship, design or capabilities for flight, number of times launched, and report. Three launches are required to earn the maximum launch points given on the score sheets. For scoring for the State Fair, only actual launches count; misfires will not count towards one of the required three launches.
- B. For self-designed rockets only, please include a digital recorded copy of one flight. In the documentation please include a description of stability testing before the rocket was flown.
- C. 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.
- D. 4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.
- E. High Power Rockets (HPR) is similar to model rocketry with difference that include the propulsion power and weight increase of the model. They use motors in ranges over "G" power and/or weight more than laws and regulations allow for unrestricted model rockets. These rockets are NOT appropriate for 4-H projects and will be disqualified.

## COMPUTER

### LIFT OFF - UNIT 2

- H-850-SF1 ROCKET- Any skill level 2 rocket with wooden fins painted by hand or air brush.
- H-850-SF2 DISPLAY- Display exemplifying one of the principles learned in the Lift Off Project. Examples include: display of rocket parts and purpose, interview of someone in the aerospace field, or kite terminology. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 28" by 22".
- H-850-SF3 ROCKET- Any skill level 2 rocket with wooden fins painted using commercial application example commercial spray paint.

### REACHING NEW HEIGHTS - UNIT 3

- H-850-SF4 ROCKET- Any Skill Level 3 Rocket with wooden fins painted by hand or air brush.
- H-850-SF5 DISPLAY- Display exemplifying one of the principles learned in the Reaching New Heights project. Examples include: airplane instrumentation, kite flying, or radio-controlled planes. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 28" by 22".
- H-850-SF6 ROCKET: Any Skill Level 3 Rocket with wooden fins painted using commercial application example commercial spray paint.

### PILOT IN COMMAND - UNIT 4

- H-850-SF7 ROCKET: Any Skill Level 4 Rocket with wooden fins or any self-designed rocket.
- H-850-SF8 DISPLAY: Display exemplifying one of the principles learned in the Pilot in Command Project. Examples include: flying lessons or careers in aerospace. Display can be any size up to 28" by 22".

### KITES

- H-850-971 DIAMOND OR FLAT TWO-STICK KITE - May be any size. Must be constructed by 4-Her. 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-Her. 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-Her. No kits may be used. Include construction information and flying experiences.

### OTHER COUNTY ONLY ROCKETS

- H-850-974 ROCKET: Any skill level rocket with plastic fins
- H-850-975 ROCKET: Any skill level 1 rocket with wooden fins.

## DIVISION 860 - COMPUTER

Premium 5

### COMPUTER MYSTERIES - UNIT 2

- H-860-SF1 COMPUTER APPLICATION POSTER – 4-H exhibitor should use computer application to create a graphic notebook utilizing computer technology. 4-H'er may create any of the following: greeting card (5 different cards should 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) 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-SF2 PRODUCE A COMPUTER SLIDESHOW PRESENTATION - Using presentation software All slide shows for state fair should be emailed to Amy Timmerman [atimmerman2@unl.edu](mailto: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. All county fair projects with a printout should be saved on a CD Rom to be submitted for county fair. The slide show should include a minimum of 10 slides and no more than 25. Incorporate appropriate slide layouts, graphics, animations, and audio (music or voice and transition sounds do not count). Each slide should include notes for a presenter. All slideshows must be uploaded.

### COMPUTER MYSTERIES - UNIT 3

- H-860-SF4 PRODUCE AN AUDIO/VIDEO COMPUTER PRESENTATION - Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip. The presentation must be able to be played and viewed on a PC using Windows Media Player, Real Player, iTunes or QuickTime Player.
- H-860-SF5 HOW TO STEM (SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH PRESENTATION - Youth design a fully automated 2 to 5 minute 4-H "how to" video. Submissions should incorporate a picture or video of the 4-Her, as well as their name (first name

only), age (as of January 1 of the current year), years in 4-H and their personal interests or hobbies. Videos should be designed for web viewing. Any of the following formats will be accepted: .mpeg, .rm, .wmv, .mp4, .ov, .ppt, or .avi.

**H-860-SF6 CREATE A WEB SITE/BLOG or APP -**

Design a simple Web site/blog or app for providing information about a topic related to youth using either software programs such as an HTML editor like Microsoft's FrontPage or Macromedia's Dreamweaver, and image editor like IrfanView or GIMP OR online using a WIKI such as Google Sites. If the Web site, Blog, or App isn't live include all files comprising the Web site, Blog, or App on a CD-ROM in a plastic case along with the explanation of why the site was created. If developed using a WIKI or other online tool include a link to the website in the explanation of why the site was created.

**H-860-SF7. 3D PRINTING UNIQUE ITEMS - 3D**

printing uses plastic or other materials to build a 3 dimensional object from a digital design. Youth may use original designs or someone else's they have re-designed in a unique way. Exhibits will be judged based on the complexity of the design and shape. 3D Unique Object: 3D objects printed for their own sake. May be an art design, tool, or other object. 3D printing will include a notebook with the following:

- a. Software used to create 3D design.
- b. Design or, if using a re-design, the original design and the youth's design with changes.
- c. Orientation on how the object was printed.

**H-860-SF8 3D PRINTING PROTOTYPES - 3D printing**

uses plastic or other materials to build a 3 dimensional object from a digital design. Youth may use original designs or someone else's they have re-designed in a unique way. Exhibits will be judged based on the complexity of the design and shape. 3D objects printed as part of the design process for robot or other engineering project or cookie cutter; be creative. Must include statement of what design question the prototype was supposed to answer and what was learned from the prototype 3D printing will include a notebook with the following:

- a. Software used to create 3D design.
- b. Design or, if using a re-design, the original design and the youth's design with changes.
- c. Orientation on how the object was printed.

**Class H860009. 3D PEN CREATION – 3D pens rapidly melt and cool plastic filament allowing the 4-Her to draw in 3D. Youth may use original designs or use a template to create their 3D item. Exhibits will be judged based on the complexity of the design and shape. 3D pen creation will include a notebook with the following:**

- a. Copy of the template if used and description of any changes the youth created.
- b. If no template used – an explanation of how the creation was built.
- c. Must include paragraph of what the youth learned while creating their project (i.e. way to improve their next creation)

- d. Paragraph on how 3D pens impact Science Engineering and Technology

H-860-978 OTHER COMPUTER EXHIBIT

## ROBOTICS

Youth enrolled in Virtual Robotics, Junk Drawer Robotics (Levels 1, 2, or 3), Robotics Platforms or GEAR TECH 21 may exhibit in any class within this division.

- A. The 4-Her's name, full address, age, and county must appear on the back of each poster or notebook's cover page. For notebook projects, the name of the participant must appear on the cover page.
- B. Each 4-Her limited to one project per class.
- C. POSTER REQUIREMENTS: 3 to 4-ply poster board, 14"x 22", white or colored, vertical, or horizontal. All margins must be 2" or larger. Use appropriate sized headings, subheadings, and other necessary labeling. Use appropriate sized graphics. Remember posters must be easily seen from a distance of 4 feet!

## DIVISION 861 - ROBOTICS

Premium 5

Youth enrolled in Virtual Robotics, Junk Drawer Robotics (Levels 1, 2, or 3), Robotics Platforms or GEAR TECH 21 may exhibit in any class within this division.

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

Creating a video of your robot in action would be helpful for the judges but is not mandatory present as a CD Rom with your robot entry.

**H-861-SF1 ROBOT POSTER - Create a poster (14"x22") communicating a robotics theme such as a "Robot or Not", "Pseudocode", "Real World Robots", "Careers in Robots" or "Autonomous Robotics", "Precision Agriculture" or a robotic topic of interest to the 4-H'er.**

**H-861-SF2 ROBOTICS NOTEBOOK – Explore a robotics topic in-depth and present your findings in a notebook. Documentation should include any designs, research, notes, pseudocode, data tables or other evidence of the 4-H'ers learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, a programming skill, calibration, sensor exploration, or any of the topics suggested in Class 1.**

H-861-SF3 ROBOTICS VIDEO - This class should be displayed in a notebook. The notebook should include a video clip on a CD/DVD that demonstrates the robot performing the programmed function. Include your pseudocode 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](mailto: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-SF4 ROBOTICS CAREER INTERVIEW - 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 (CD/DVD). 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-SF5 ROBOTICS SENSOR NOTEBOOK - Write pseudo code which includes at least one sensor activity. Include the code written and explain the code function.

H-861-SF6 BUILD A ROBOT (may use kit) - Include a robot and notebook including a the pseudocodes for at least one program you have written for the robot, the robot's purpose, and any challenges or changes you would make in the robot's design or programming. If robot is more than 15" wide and 20" tall they may not be displayed in locked cases. We recommend that you submit the project under H-861-SF3 – Robotics Video.

H-861-SF7 KIT LABELED ROBOT (cannot be programmed) – 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 project the youth has constructed, a description of what it does and an explanation of how it is similar to and different from a robot. If robot is more than 15" wide and 20" tall they may not be displayed in locked cases. We recommend that you submit the project under H-861-SF3 – Robotics Video.

## **ELECTRICITY**

### **DIVISION 870 - ELECTRICITY**

Premium 5

GENERAL INFORMATION - ELECTRIC POSTERS -

See Posters section for general requirements (Dept. Miscellaneous Area)

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

H-870-SF1 ELECTRICAL TOOL/SUPPLY KIT - Create an electrical supply kit to be used for basic electrical repair around the house. Include a brief description of

each item and its use. Container should be appropriate to hold items.

H-870-SF2 LIGHTING COMPARISON - Display studying the efficiency of various lighting (incandescent, fluorescent, halogen, Light Emitting Diodes, etc.). Exhibit could be a poster display, or an actual item.

H-870-SF3 ELECTRICAL DISPLAY/ITEM - Show an application of one of the concepts learned in the Wired For Power project. Examples include: re-wiring or building a lamp, re-wiring or making a heavy duty extension cord or developing an electrical diagram of a house. Exhibit could be a poster display, or an actual item.

H-870-SF4 POSTER - Poster should exemplify one of the lessons learned in the Wired For Power project. Poster can be any size up to 28"by 22".

H-870-971 OTHER UNIT 3 ELECTRICAL EXHIBIT

### **ELECTRONICS - UNIT 4**

H-870-SF5 ELECTRICAL/ELECTRONIC PART IDENTIFICATION - Display different parts used for electrical/electronic work. Exhibit should show the part (either picture or actual item) and give a brief description, including symbol of each part and its function. Display should include a minimum of 10 different parts.

H-870-SF6 ELECTRONIC DISPLAY - Show an application of one of the concepts learned in the Electronics project. Examples include: components of an electrical device.

H-870-SF7 ELECTRONIC PROJECT - 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 volt meter.

H-870-SF8 POSTER - Poster should exemplify one of the lessons learned in the Entering Electronics project. Poster can be any size up to 28" by 22".

H-870-972 OTHER UNIT 4 ELECTRICAL EXHIBIT Please refer to 4-H Manual Electric 1 “Magic of Electricity”

H-870-973 UNIT 1 MISCELLANEOUS ELECTRICAL ITEM - 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 - Up to three items may be exhibited in this class.

## **GEOSPATIAL**

### **DIVISION 880 - GEOSPATIAL**

Premium 5 - Youth enrolled in Geospatial or GEAR TECH 21 may exhibit in any class within this division.

H-880-SF1 POSTER Create a poster (not to exceed 14" x 22") communicating a GPS theme such as How GPS or GIS works, Careers that use GPS or GIS, How to use GPS, What is GIS, GPS or GIS in

Agriculture, Precision Agriculture, or a geospatial topic of interest.

- H-880-SF2 4-H FAVORITE PLACES OR HISTORICAL SITE POSTER – The 4-H exhibitor identifies a favorite place or historical site (including grave sites) in Nebraska. Exhibit should include latitude and longitude, digital picture, and local area map. Poster size should not exceed 14" X 22".
- H-880-SF3 GPS NOTEBOOK - Keep a log of at least 5 places visited using a GPS enabled device. At least one site should be from a community other than where you live. For each site, record the latitude, longitude and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional but encouraged.
- H-880-SF4 GEOCACHE - Assemble a themed geocache. Each geocache should be a water-tight container. It should include a log book and pencil for finders to log their visits and may include small trinket, geocoins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. Register the site at [geocaching.com](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-SF5 AGRICULTURE PRECISION MAPPING – 4-Hers will assemble a notebook that will include a minimum of 2 digital copies of various data layers that can be used in precision agriculture to identify spatial patterns and/or correlations (printed copies of websites 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-SF7 4-H HISTORY MAP - Preserve 4-H History: Nominate a Point of Interest for the 4-H History Map Project include copy of submitted form in folder or notebook. To nominate a site for the 4-H history map please go to <http://arcg.is/1bvGogV> For more information about 4-H history go to [http://www.4-hhistorypreservation.com/History\\_Map](http://www.4-hhistorypreservation.com/History_Map) For a step by step video on nominating a point, please go to this link: <http://tinyurl.com/nominate4h> Write a brief description of historical significance of 4-H place or person. (a minimum of one paragraph)
- H-880-SF8 GIS Thematic Map – Using any GIS software, create a thematic. Thematic maps can utilize any subject of interest to the 4-H'er. Example map would be Amelia Earhart's or Sir Francis Drake's voyage population density maps, water usage 8.5" x 11" maps or 4-H project in Nebraska. Create GIS Map using data from books, and or internet. Use reliable data, (U.S. Center or U.S. Census Bureau etc.) Map any size from 8.5" x 11" up to 36" x 24", should include Title, Base Map, Neat Line, North Arrow, and Legend. Identify the source of your information on the back of map.
- H-880-SF10 CAREERS INTERVIEW– Interview someone who is working in a Geospatial field and include research that career. Interviews can either be

written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font, and 1" margins. Multimedia reports should be between 3 to 5 minutes in length.

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

- H-900-SF1 CREATE AND COMPARE ENERGY RESOURCES POSTER – Poster should explore 2 alternative/renewable energy resources. Compare and contrast the 2 resources including two of the following information: amount of energy created, costs of production, usability of the energy, pros/cons of environmental impacts, etc. Posters can be any size up to 28" by 22"
- H-900-SF2 EXPERIMENT NOTEBOOK – Notebook will explore the scientific method involving alternative/renewable energy sources. Information required. 1.) Hypothesis 2.) Research 3.) Experiment 4.) Measure 5.) Report or Redefine Hypothesis.
- H-900-SF3 SOLAR AS ENERGY DISPLAY – Item should be the original design of the 4-Her. Include the item, or a picture if item is in excess of 6' tall or 2' X 2'. Include a notebook of why the item was designed and how it harnesses the power of water. Examples include solar ovens, solar panels, etc.
- H-900-SF4 WATER AS ENERGY DISPLAY – Item should be the original design of the 4-Her. Include the item, or a picture if item is in excess of 6' tall or 2' X 2'. Include a notebook of why the item was designed and how it harnesses the power of water.
- H-900-SF5 WIND AS ENERGY DISPLAY – Item should be the original design of the 4-Her. Include the item, or a picture if item is in excess of 6' tall or 2' X 2'. Include a notebook of why the item was designed and how it harnesses the power of wind.
- H-900-SF6 OTHER NEBRASKA ALTERNATIVE ENERGY – Notebook should explore Nebraska an alternative energy source besides wind, water, and solar power. Include information on type of power chosen, infrastructure for distribution, what resources are needed to create this alternative resource, cost of production, and potential uses of bio-products.

## **WOODWORKING**

### **DIVISION 911 - WOODWORKING**

Premium 4  
Wood Identification Display (wood sample blocks, finished, showing different types of wood) should be entered in Forestry. (Division 320)  
The ability to build objects as designed by another person is an important life skill. Professional woodworkers often are hired to build objects to exacting specifications as laid out in a written plan.

**REQUIREMENTS:** All articles exhibited must include a plan (with drawings or sketch or blueprint) stating dimensions and other critical instructions a builder would need to know how to build the project. Plans may include narrative instructions in addition to the dimension drawings and include any alterations to the original plan. Part of the score depends on how well the project matches the plans. If the plans are modified, the changes made from the original need to be noted on the plans. All plans used for making the article must be securely attached and protected by a clear plastic cover.

All projects must have appropriate finish. If the project (i.e. picnic tables, wishing wells, swings, chairs, bridges, doghouses, etc.) is designed to be used outside, it will be displayed outside.

4-H'ers must be in Unit 3 or Unit 4 for the exhibit to be considered for State Fair. All projects must have appropriate finish. If the project (i.e. picnic tables, wishing wells, swings, chairs, bridges, doghouses, etc.) is designed to be used outside, it will be displayed outside.

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

H-911-SF1 WOODWORKING ARTICLE - Item should be made using either joints, hinges, dowels, or a dado joining made using skills learned in the Nailing It Together manual. Item is required to be appropriately finished. Examples include: bookcase, coffee table, or end table.

H-911-SF2 WOODWORKING DISPLAY - Display exemplifying one of the principles learned in the Nailing It Together project. Examples include: measuring angles, wood lamination, and joint types.

H-911-SF3 RECYCLED WOODWORKING DISPLAY - Article made from recycled, reclaimed or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 3 manual. Exhibit must include the woodworking plan and a minimum one page report of how the engineering design process was used to develop the woodworking plan.

1. Engineering Design Process
  - a. State the problem (Why did you need this item?)
  - b. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)\_
  - c. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
  - d. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
  - e. Reason for article finish (What type of finish, how did you finish, or why you chose this finish?)
  - f. Evaluate (How does your item solve the original need?)
  - g. Present results (How would you do this better next time?)

### **FINISHING UP - UNIT 4**

H-911-SF4 WOODWORKING ARTICLE - Item made using skills learned in the Finishing It Up project. Examples include: dovetailing, making a pen using lathe, overlays, using a router, etc. Item is required to be appropriately finished.

H-911-SF5 WOODWORKING DISPLAY- Display exemplifying one of the principles learned in the Finishing It Up project. Examples include: Career opportunities, types of finishes, or dovetailing.

H-911-SF6 RECYCLED WOODWORKING DISPLAY- Article made from recycled, reclaimed or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. Exhibit must include the woodworking plan and a minimum one page report of how the design and engineering process was used to develop the woodworking plan.

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)\_
3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
4. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
5. Reason for article finish (What type of finish, how did you finish, or why you chose this finish?)
6. Evaluate (How does your item solve the original need?)
7. Present results (How would you do this better next time?)

H-911-SF10 CAREERS INTERVIEW – Interview someone who is working in the field of woodworking and research that career. Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font, and 1” margins. Multimedia reports should be between 3 to 5 minutes in length.

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

H-911-971 WOODWORKING ARTICLE - Item made using skills learned in the Measuring Up Project Guide. Examples include: Recipe holder, stilts or other skill level appropriate item. Items should be entered with construction plans. Up to three items may be exhibited.

### **MAKING THE CUT - UNIT 2**

H-911-974 WOODWORKING ARTICLE - Item made using skills learned in the Making the Cut Project Guide. Examples include: birdhouse, foot stool, napkin, or letter holder. Items should be entered with construction plans. Up to three items may be exhibited.

# WELDING

## DIVISION 920 - WELDING

### Premium 4

All welds exhibited in Class 1 or 2 must be mounted on a 12" x 15" long display board of thickness not to exceed 3/8". Attach each weld on a wire loop hinge or equivalent, so the judge can look at the bottom side of the weld when necessary. Each weld should be labeled with information stating:

1. type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.
2. kind of weld,
3. welder setting,
4. electrode/ wire/ rod size
5. electrode/ wire / rod ID numbers.

Attach a wire to display board so it can be hung like a picture frame. If no plans are included with welding article or welding furniture, item will be disqualified.

H-920-SF1 WELDING JOINTS - A display of one butt, one lap and one fillet weld.

H-920-SF2 POSITION WELDS - A display showing three beads welded in the vertical down, horizontal and overhead positions.

H-920-SF3 WELDING ARTICLE - Any shop article where welding is used in the construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. All plans, plan alterations, and a bill for materials must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside.

H-920-SF4 WELDING FURNITURE – any furniture with 75% welding is used in the construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. All plans, plan alternations, dimensions and a bill for materials must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside.

H-920-975 Plasma Cutter/Welder Design – 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. This exhibit is not eligible for entry at the State Fair. In the notebook include: a) A photo (front and back) of the finished project. Also include detailed photographs of the project to allow judges to examine cuts. b) Instructions on how the design was created, this allows for replication of the project c) Lessons learned or improvements to the project.

### 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 1.5 to 2 inches wide and 3.5 to 4 inches long. A good way to get this size is to buy new cold rolled strap iron and cut to length. The extra width is needed to provide enough metal to absorb the heat from the welding process and prevent the coupons from becoming too hot before the bead is completed. Narrower coupons will become very hot, making an average welder setting too cold at the bead start, just 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. Stick welding

1. Suggested coupon thickness - 1/4" if using 1/8" rod
2. Suggested rod - AC and DC straight or reverse polarity - first E-7014, second E-6013

#### B. Mig welding

1. Suggested coupon thickness - 1/4" if using .035 wire and 1/8" if using .023 wire

#### C. Oxy-Acetylene

1. Suggested coupon thickness - 1/8"
2. Suggested rod - 1/8" mild steel rod

### 4-H Welding Project Tips and Suggestions for Class 2 Position Welds

1. 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"x4" or on individual coupons that are about 2"x4" and 1/4" thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014 and E-6010 for dc reverse polarity only.
2. Welds should be cleaned with 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

1. All welds should be cleaned and protected from rust with paint or light oil. Plans are to be complete enough that if they were given to a welding shop, the item could be made without further instructions. Bill of materials should include a cost for all items used including steel, electrodes, paint, wheels, etc.

## OTHER GENERAL AREAS

### DIVISION 101 - BICYCLE SAFETY

Premium 5

#### 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 5

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 W - Posters.

### DIVISION 107 - GENERAL AREAS FLOP

Premium 5

H-107-973 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 Leisha Ahrens  
Assistant 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 will be sent to the State Fair.**

HOME ENVIRONMENT EXHIBITS are evaluated by these criteria:

- A. Items must be designed to be used for home decorating, home furnishing, or home management (no clothing, purses, note cards, scrapbooks/photo albums, etc.)
  - B. 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.
  - C. 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 directions for how they made 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.
  - D. Entered in correct class: What medium was changed or manipulated? What medium is the majority of your exhibit made from?
  - E. 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. Items not ready for display will be dropped one ribbon placing.
  - F. All static exhibits must have received a purple ribbon at the county fair to advance to state fair.
  - G. 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.
- A. 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.
  - B. 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.

- C. **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.
- D. **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.

### **DIVISION 254 - DESIGN MY SPACE**

Premium 5 – Limit of 5 items per 4-Her.

- C-254-971 NEEDLEWORK ITEM – Made with yarn or floss
- C-254-972 SIMPLE FABRIC ACCESSORY – pillow, laundry bag, pillow case, 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 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 5

**SUPPORTING INFORMATION** - Each exhibit must include the following information on a half sheet of 8 x 11" paper 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 2 for Classes 1 - 4

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

NOTE: Resources to support this project area are available on the 4-H website.

1. Attach information including:
2. List of steps taken to complete your project (before and after pictures encouraged)
3. Keepsakes documentation: how you acquired the item and the history of the item - may be written, pictures, audio or video tape of interview with family member, etc.

- C-256-SF1 TRUNKS, including doll size trunks or wardrobes
- C-256-SF2 AN ARTICLE - EITHER A REPURPOSED "TREASURE" (ACCESSORY) FROM AN OLD ITEM OR AN OLD "TREASURE" (ACCESSORY) REFINISHED OR RENOVATED. May include a display of a collection or collectibles, being careful not to destroy the value of the collection.
- C-256-SF3 FURNITURE - Either a repurposed "treasure" from an old item or an old "treasure" refinished or renovated. May include doll-sized furniture.
- C-256-SF4 CLEANED AND RESTORED HEIRLOOM ACCESSORY OR FURNITURE - A reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed, and simple repairs made. Item would not be refinished or repainted, but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult extension publication **Care and Conservation of Heirloom Textiles, 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 2 for Classes SF2-SF15

Premium 5 for Classes SF1, SF16-SF27

Attach information to explain steps taken. Information must also include element or principle of design used.

C-257-SF1 DESIGN BOARD FOR A ROOM. Include: color scheme, wall treatment, floor treatment, OR floor plan for a room - Poster (22" x 28") or multimedia presentation on (CD). Show what you learned with before and after pictures, or diagrams, samples, story, cost comparisons, optional arrangements, etc.

C-257-SF2 PROBLEM SOLVED, ENERGY SAVERS, OR CAREER EXPLORATION- Identify a problem (such as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) OR explore a career related to home environment. (What would it be, what education is needed, what would you do etc.) Using poster, notebook, multimedia presentation (on CD), or other method, describe the problem and how it was solved OR your career exploration. (p. 74-93)

C-257-SF3 SOLAR WIND, OR OTHER ENERGY ALTERNATIVES FOR THE HOME- Can be models, either an original creation or an adaptation of kit. If kit, label and explain what was learned and how the item could be used in or on the exterior of a home. (p. 74-93)

C-257-SF4 TECHNOLOGY IN DESIGN – Incorporate technology into a project related to home environment; for example, using conductive thread to create a circuit that enhances a wall hanging.

C-257-SF5 COMMUNITY SERVICE ACTIVITY - Show what was done as a community service activity related to this project. In a notebook, photo story, or poster, show the purpose and results of that activity. Ex: painting a mural at a daycare or 4-H building, helping an elderly person paint or clean their home, etc. May be an individual or club activity.

C-257-SF6 WINDOW COVERING - May include curtains, draperies, shades, shutters, etc.

C-257-SF7 FLOOR COVERING - may be woven, braided, painted floor cloth, etc. May be exhibited as a poster or multimedia presentation (on CD).

C-257-SF8 BEDCOVER - May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts please state who did the quilting. (No tied fleece blankets in this class). (p. 50-53)

C-257-SF9 ACCESSORY- Original Needlework/ Stitchery.

C-257-SF10 ACCESSORY – Textile -2D (table cloth or runner, dresser scarf, wall hanging, etc. (No tied fleece blankets or beginning/10 minute table runners in this class.)

C-257-SF11 ACCESSORY – Textile -3D (pillows, pillow shams, fabric bowls, etc.)

C-257-SF12 ACCESSORY –2D

C-257-SF13 ACCESSORY –3D (string art, wreaths, etc.)

C-257-SF14 ACCESSORY - Original Floral Design

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

C-257-SF15 ACCESSORY - ORIGINAL MADE FROM WOOD. – burn, cut, shape or otherwise manipulate.

C-257-SF16 ACCESSORY - ORIGINAL MADE FROM GLASS- etch, mosaic, stain, molten, or otherwise manipulate.

C-257-SF17 ACCESSORY - ORIGINAL MADE FROM METAL – cut, shape, punch, sculpt, reassemble or otherwise manipulate.

C-257-SF18 ACCESSORY - ORIGINAL MADE FROM CERAMIC OR TILE – Treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.

C-257-SF19 ACCESSORY- RECYCLED/UPCYCLED ITEM FOR THE HOME – reuse a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.

C-257-SF20 FURNITURE – RECYCLED/REMADE, made or finished by using a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.

C-257-SF21 FURNITURE - WOOD OPAQUE FINISH such as paint or enamel

C-257-SF22 FURNITURE - WOOD CLEAR FINISH showing wood grain

C-257-SF23 FURNITURE – FABRIC COVERED - May include stool, chair seat, slip-covers, headboard, etc.

C-257-SF24 FURNITURE - OUTDOOR LIVING – Furniture made/refurbished suitable for outdoor use. Include description of what was done to recycle or reuse item in your attached information.

C-257-SF25 ACCESSORY - OUTDOOR LIVING – Accessory made/refurbished by 4-H member suitable for outdoor use. Include description of what was done to recycle or reuse item in your attached information.

## **DIVISION 260 – SKETCHBOOK CROSSROADS**

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. (p. 8-9).

C-260-SF1 ORIGINAL PENCIL OR CHALK DRAWING ready to hang. Scratch art accepted here. (p. 10 - 21)

C-260-SF2 ORIGINAL INK drawing based on techniques ready to hang (p. 22- 28)

C-260-SF3 HOME ACCESSORY MADE WITH FIBER (p.29)

C-260-SF4 HOME ACCESSORY MADE WITH FELTED WOOL (pgs.29-33)

C-260-SF5 HOME ACCESSORY MADE WITH COTTON LINTER (pgs. 34-36)

C-260-SF6 HOME ACCESSORY USING BATIK (p. 37-39)

- C-260-SF7 HOME ACCESSORY MADE BY WEAVING (p. 40-47)
- C-260-SF8 HOME ACCESSORY MADE WITH FABRIC EXHIBITOR HAS DYED (p. 48- 50)
- C-260-SF9 ORIGINAL SCULPTED or THROWN HOME ACCESSORY MADE WITH CLAY (no purchased items) (p. 53-62)
- C-260-SF10 NEBRASKA LIFE EXHIBIT – An art exhibit using one of the techniques in the above classes to show how art can define a sense of place, or life in Nebraska. For example - a pencil or ink drawing depicting life in Nebraska, using natural resources such as native grasses to make a weaving, using natural fibers for felting, or using roots, nuts, plants or flowers to dye fabric. Include the required information listed above and how this project represents life in Nebraska.

## 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. (p. 8-9)

- C-261-SF1 ORIGINAL ACRYLIC PAINTING based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang (p. 12 - 13)
- C-261-SF2 ORIGINAL OIL PAINTING based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang (p. 26 - 33)
- C-261-SF3 ORIGINAL WATERCOLOR based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang (p. 14 - 17)
- C-261-SF4 ORIGINAL SAND PAINTING based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang (p. 20-21)
- C-261-SF5 ORIGINAL ENCAUSTIC PAINTING based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang (p. 34 - 35)
- C-261-SF6 HOME ACCESSORY MADE WITH ANY PRINTING TECHNIQUE IN PATHWAYS UNIT II, (p. 36-56)
- C-261-SF7 NEBRASKA LIFE EXHIBIT – An art exhibit using one of the techniques in the above classes to show how art can define a sense of place or life in Nebraska. For example – solar printing; making prints using shed snakeskin or plant; an acrylic, oil; 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.

## DEPARTMENT C QUILT QUEST

### DIVISION 229 - QUILT QUEST

Premium 5 for classes SF10-SF30 and classes 982-984  
Premium 2 for classes SF40-SF83 and 980-981

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

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

All entry cards and support information must be attached using a safety pin. **No straight pins.**

When judging Quilt Quest exhibits, the judges consider SF209 "Standards for Judging Quilts and Quilted Items."

For all classes, 4-Hers can choose fabrics for the quilt by selecting fabric from fabric bolts. 4-Hers may also use "fabric collections" offered by manufacturers in a particular designer or fabric line. Examples of fabric collections include:

- Jelly Rolls are made of (up to) 40 different strips of 2 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 manufactures designer or fabric line.
- Turnover is a collection of coordinating fabrics that are cut into 6" triangles.
- Fat Quarters are ½ yard cuts of fabric which are cut in half to make a rectangle that is approximately 18" x 21". (One half yard of fabric yields 2 fat quarters). The "fat quarter" can be more economical to purchase for a smaller quilt because the purchaser does not have to buy the entire yardage width.

- Fabric Kit is a collection of fabrics cut in large pieces to accommodate the requirements of a particular quilt pattern. The 4-Her must cut out all of the smaller squares, rectangles, etc. to make the quilt top according to the pattern directions.

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

- A quilted exhibit is made up of at least 3 layers. Exhibits must be quilted or tied through all layers.
- Fleece blankets are not eligible in this division.
- Quilts must have a permanent label on the back in the bottom right corner with quilter's name and date of completion.

C-229-SF10 **EXPLORING QUILTS** - Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to, language arts, quilts of different cultures, chemistry, design, preservation, history, construction, math conversion of patterns, textiles/fabrics, computerization, and entrepreneurship. History may include history of an old quilt or a newly made quilt, or history/research of a particular style of quilt such as Baltimore album quilts or Amish quilts. Exhibit may be 14x22 inch poster, notebook, CD, Power point, Prezi, DVD, YouTube, or other technique. All items must be attached to the exhibit and labeled. No quilted items should be entered in this class.

### **QUILT DESIGNS OTHER THAN FABRIC**

Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Tag templates can be found on the 4-H State Fair website, please note this is in the Home Environment information sheet: <http://4h.unl.edu/fairbook#tab3> Exhibits without supporting information will be dropped a ribbon placing.

C-229-SF20 **QUILT DESIGNS OTHER THAN FABRIC**

Two or three dimensional item with quilt design made using medium other than fabric, such as wooden quilt block, stained glass, paper, etc.

C-229-SF21 **BARN QUILTS** – Barn Quilt created that is less than 4'x4'. A barn quilt is a large piece of wood that is painted to look like a quilt block.

C-229-SF22 **BARN QUILTS** – Barn Quilt created that is 4'x4' or larger. A barn quilt is a large piece of wood that is painted to look like a quilt block.

C-229-SF30 **COMPUTER EXPLORATION** - Poster or notebook with a minimum of six computer generated quilt designs or color variations on a quilt design. Include information on type of program used, process used to generate designs, or how you used color to create different quilt designs. Size of poster or notebook to be suitable for exhibit.

C-229-SF40 **WEARABLE ART** - Quilted clothing or clothing accessory which must have a recognizable amount of quilting and may include fabric

manipulation. Quilting must be done by 4-H member. On a half sheet of 8 ½ x 11 inch paper, tell how you selected the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.

C-229-SF41 **INTER-GENERATIONAL QUILT** - A quilt made by a 4-H member and family members or friends of different generations. On a half sheet of 8 ½ x 11 inch paper, include an explanation answering the following questions: A) How was the quilt planned and who did what in the construction of the quilt? B) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you learn that you can use on your next project?

C-229-SF42 **SERVICE PROJECT QUILT** - A quilt constructed by a 4-H member or group to be donated to a worthy cause. On a half sheet of 8 ½ x 11 inch paper, include an explanation answering the following questions: A) Why was the quilt constructed and who will receive the donated quilt? B) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you do and what was done by others? D) What did you learn that you can use on your next project?

### **Guidelines for 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 half sheet of 8 ½ x 11 inch paper, include an explanation answering the following questions: A) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? B) What did you do and what was done by others? C) What did you learn you can use on your next project?
- **SIZES OF QUILT EXHIBITS**
  - 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.
  - Medium: length + width = 61" to 120"
  - Large: length + width = over 120"

QUILTED EXHIBIT: CLASSES 50 – 52 PIECED – quilts made up of squares and/or rectangles.

- C-229-SF50 SMALL
- C-229-SF51 MEDIUM
- C-229-SF52 LARGE

QUILTED EXHIBIT: CLASSES 60 – 62 – In addition to squares and/or rectangles, quilts may have triangles, and/or may be embroidered.

- C-229-SF60 SMALL
- C-229-SF61 MEDIUM
- C-229-SF62 LARGE

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

- C-229-SF70 SMALL
- C-229-SF71 MEDIUM
- C-229-SF72 LARGE

PREMIER QUILT: CLASSES 80-83 – 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-SF80 HAND QUILTED
- C-229-SF81 SEWING MACHINE QUILTED
- C-229-SF82 LONG ARM QUILTED –  
NON-COMPUTERIZED/HAND-GUIDED
- C-229-SF83 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 other 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-229-987 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.

## 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: exhibitor's name, address, age, county, years in project and supporting information. Attach 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 will be sent to the State Fair.

### DEPARTMENT A HERITAGE

An exhibit of items, pictures, maps, charts, slides/tapes, drawings, illustrations, writings or displays that depict the heritage of the member's family or community or 4-H history. Please note: Exhibits 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 6a

A-100-971 BEGINNING HERITAGE PROJECT –  
County-only project

## **DIVISION 101 - LEVEL I: BEGINNING (1-4 years in project)**

Premium 6a

- A-101-SF1 HERITAGE POSTER (14"x22") OR FLAT EXHIBIT. Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.
- A-101-SF2 FAMILY GENEALOGY/HISTORY NOTEBOOK – Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work to State Fair.
- A-101-SF3 LOCAL HISTORY SCRAPBOOK/NOTEBOOK - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- A-101-SF4 FRAMED FAMILY GROUPINGS (or individuals) of pictures showing family history. Pictures must be supported by a written explanation.
- A-101-SF5 OTHER EXHIBITS DEPICTING THE HERITAGE OF THE MEMBER'S FAMILY OR COMMUNITY. Exhibit must be supported by a written explanation. May include, biographical album of themselves or another family member, family cookbooks, etc.
- A-101-SF6 4-H HISTORY SCRAPBOOK - 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-SF7 4-H HISTORY POSTER - Poster (14"x22") relating 4-H history of local club or county or individual.
- A-101-SF8 STORY OR ILLUSTRATION ABOUT A HISTORICAL EVENT.
- A-101-SF9 BOOK REVIEW ABOUT LOCAL, NEBRASKA, OR REGIONAL HISTORY.
- A-101-SF10 OTHER HISTORICAL EXHIBITS - attach an explanation of historical importance.
- A-101-SF11 FAMILY TRADITIONS BOOK - Exhibitor scrapbook depicting family traditions of the past.
- A-101-SF12 FAMILY TRADITIONS EXHIBIT STORY OR ILLUSTRATION of a family tradition or event. Exhibit must be supported by a written explanation.
- A-101-SF13 4-H CLUB/COUNTY SCRAPBOOK – Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work to State Fair.
- A-101-SF14 4-H MEMBER SCRAPBOOK - Scrapbook relating to individual 4-H member's 4-H history. If multiple books included in exhibit, only bring book with most current year's work to State Fair.

- A-101-SF15 SPECIAL EVENTS SCRAPBOOK. - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

## **DIVISION 102 - LEVEL II: ADVANCED (over 4 years in project)**

Premium 6a

- A-102-SF1 HERITAGE POSTER (14"X22") OR FLAT EXHIBIT. Entries may be pictures, posters, items, etc. that depict family heritage. Exhibits must be supported by a written explanation.
- A-102-SF2 FAMILY GENEALOGY/HISTORY NOTEBOOK - Include pedigree charts/family group sheets, with documentation beyond two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work to State Fair.
- A-102-SF3 LOCAL HISTORY SCRAPBOOK/NOTEBOOK - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- A-102-SF4 FRAMED FAMILY GROUPINGS (OR INDIVIDUALS) OF PICTURES SHOWING FAMILY HISTORY. Pictures must be supported by a written explanation.
- A-102-SF5 OTHER EXHIBITS DEPICTING THE HERITAGE OF THE MEMBER'S FAMILY OR COMMUNITY. Exhibit must be supported by a written explanation. May include, biographical album of themselves or another family member, family cookbooks, etc.
- A-102-SF6 4-H HISTORY SCRAPBOOK - 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-SF7 4-H HISTORY POSTER - Poster (14"x22") relating 4-H history of local club or county or individual.
- A-102-SF8 STORY OR ILLUSTRATION ABOUT A HISTORICAL EVENT.
- A-102-SF9 BOOK REVIEW ABOUT LOCAL, NEBRASKA, OR REGIONAL HISTORY.
- A-102-SF10 OTHER HISTORICAL EXHIBITS - attach an explanation of historical importance.
- A-102-SF11 EXHIBIT DEPICTING THE IMPORTANCE OF A COMMUNITY OR NEBRASKA HISTORIC LANDMARK.
- A-102-SF12 COMMUNITY REPORT DOCUMENTING SOMETHING OF HISTORICAL SIGNIFICANCE FROM PAST TO PRESENT.
- A-102-SF13 HISTORIC COLLECTION (displayed securely and attractively in a container no larger than 22" x 28").
- A-102-SF14 VIDEO/DVD OR SLIDE/TAPE DOCUMENTARY OF A FAMILY OR A COMMUNITY EVENT. Must be produced and edited by 4-H member.
- A-102-SF15 4-H CLUB/COUNTY SCRAPBOOK –

Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work to State Fair.

A-102-SF16 4-H MEMBER SCRAPBOOK – Scrapbook relating to individual 4-H member's 4-H history. If multiple books included in exhibit, only bring book with most current year's work to State Fair.

A-102-SF17 SPECIAL EVENTS SCRAPBOOK. - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

## DEPARTMENT A CITIZENSHIP

1. 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.
2. 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.
3. Supporting Material: All entries must have a statement explaining the purpose of the exhibit and how the exhibit will be used. All exhibitors are encouraged to show evidence of their personal field 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.
4. 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).
5. Identification: All entries should be labeled with the exhibitor's name, club and county. Scoresheets can be found at <https://unl.box.com/s/yt06tr6zdw0hrxuzyxg2hblnzq043lt7>
6. Entries: Each exhibitor is limited to one item per class.

## DIVISION 120 - CITIZENSHIP

Premium 5

A-120-SF1 CARE PACKAGE DISPLAY - This exhibit is a display about the PROCESS of creating and giving a care package not the actual care package. You may use a poster, Power Point or other multi-media program to tell about the PROCESS of developing and giving a care package to a service organization. You need to answer the following questions in your exhibit.

- A. How did you select the organization?
- B. What items did you include in your care package?

- C. Why did you select those items?
- D. How did it feel to present your care package to the organization?
- E. What did you learn from this experience?
- F. Other information you feel is important about the care package or organization. Some examples of care packages are: backpack for school supplies, litter pan for animal shelter items, suitcase for abuse shelter or homeless shelter, etc.

A-120-SF2 CITIZENSHIP GAME - which could include but isn't 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-SF3 PATRIOTIC OR CULTURAL FINE ARTS MEDIA - can be of made any art media but should tie in the relevance of the artwork to citizenship.

A-120-SF4 PUBLIC ADVENTURE SCRAPBOOK - should describe your Public Adventure or Service Learning Activity. Scrapbooks must measure no more than 16" x 16".

A-120-SF5 PUBLIC ADVENTURE POSTER - should describe your Public Adventure or Service Learning Activity. Display posters must be stiff enough to stand when supported from behind and below. Length and width must be no more than 24" x 28".

A-120-SF6 WRITTEN OR RECORDED STAKEHOLDER INTERVIEW - should follow the outline found in the Public Adventures Curriculum. It may be written or recorded.

A-12-SF7 WRITTEN CITIZENSHIP ESSAY - is designed to promote good citizenship and patriotism. This essay is open to all age groups. All essays should be 300 - 400 typewritten words.

A-120-SF8 **FOR 9TH-12TH GRADERS ONLY:** ORAL CITIZENSHIP ESSAY - addressing the theme "Freedom's Obligations" should be 3-5 minutes. No background music, singing or other enhancement allowed. All essays should be saved as a .wav or mp3 file; a USB/thumb drive will be accepted. Voice tone should be normal and conversational. A copy of the written essay should be attached.

A-120-SF9 SERVICE ITEMS - can include but aren't limited to lap quilt 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-SF10 4-H CLUB EXHIBIT - should depict what a 4-H Club has done in the area of community service. This item could include but is not limited to, a service item, poster, scrapbook, cultural or creative arts item or care package.

A-120-972 OTHER CITIZENSHIP EXHIBIT

## **DIVISION 130 i2i CLASSES**

Premium 5

A-130-SF1 CULTURAL FINE ARTS - can be made of any art media but should symbolize what makes them unique.

A-130-SF2 HOW ARE WE DIFFERENT? - Interview should follow the interview guide in the participant manual on page 3 and should reflect on the differences and similarities between you and the person you are interviewing.

A-130-SF3 NAME ART - should be a creative art exhibit that symbolizes or explains where your name came from and what it means. Can use any media.

A-130-SF4 FAMILY HISTORY - 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-SF5 EXHIBIT DEPICTING A CULTURAL FOOD THAT IS SPECIAL TO YOUR FAMILY - Can be a story or essay.

A-130-SF6 "THIS IS WHO I AM" POEM.

A-130-SF7 POSTER - depicts what you have learned through the i2i Project.

A-130-SF8 BIOGRAPHY ABOUT AN HISTORICAL FIGURE -that has made a positive impact on our society or who have made a difference in the lives of others.

A-130-SF9 – PLAY SCRIPT - written about a different culture.

## **DIVISION 154 - COMMUNICATIONS**

Premium 3

Educational resources for youth taking the Express

Yourself project can be found at

<http://4h.unl.edu/4hcurriculum/communications>.

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

### **COMMUNICATIONS, MODULE 2**

Use one or a combination of the experiential activities in the Communications, Module 2 curriculum to create an educational poster or essay sharing with others what you have learned. Topics may include, but are not limited to:

- Identifying cultural differences in communication
- Developing guidelines for internet etiquette
- Evaluating another person's presentation
- Identifying communication careers
- Preparing a presentation using a form of technology

B-154-SF1 POSTER – Create a poster, measuring either 22"x28" or 24"x36" that showcases what was learned in this project area.

B-154-SF2 ESSAY – Write an essay (3-5 pages) that showcases what was learned in this project area.

### **COMMUNICATIONS, MODULE 3**

Use one or a combination of the experiential activities in the Communications, Module 3 curriculum to create an educational poster, essay, or digital media sharing with others what you have learned. Topics may include, but are not limited to:

- Composing a personal resume
- Completing research on a speech or presentation topic
- Identifying ways to reduce risks online
- Evaluating own cell phone usage and etiquette
- Critiquing advertisements
- Job shadowing a communication professional

B-154-SF3 POSTER – Create a poster, measuring either 22"x28" or 24"x36" that showcases what was learned in this project area.

B-154-SF4 ESSAY – Write an essay (3-5 pages) that showcases what was learned in this project area.

B-154-SF5 DIGITAL MEDIA – Design a form of digital media (advertisement, flyer, short video or presentation, social media or web page, etc.) that showcases what was learned in this project area. Upload the digital media file to an online location (web site, Dropbox, Google Drive, YouTube, Flickr, etc.) and using the web address of the digital media file, create a QR code (using any free QR code creator, ex. qr-code-generator.com). Print the following on an 8.5"x11" sheet of cardstock: 1) the QR code, 2) 1-3 sentences about what viewers will see when they access the QR code on their mobile device.

## **DEPARTMENT B BANNERS**

### **DIVISION 400 - BANNERS**

Premium 1

B-400-971 BANNER

- 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 feet x 3 feet to 3 feet x 6 feet. 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.

## DEPARTMENT B POSTERS

GENERAL INFORMATION: Purpose - 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.

### DIVISION 500 - POSTERS

Premium 6a

B-500-973 Miscellaneous poster & Sports poster

## DEPARTMENT F ENTREPRENEURSHIP

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

### EXHIBIT GUIDELINES:

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

### DIVISION 531 - ESI: ENTREPRENEURSHIP INVESTIGATION

Premium 5

#### ESI Unit 1: Discover the E-Scene

F-531-SF1 INTERVIEW AN ENTREPRENEUR – Share what you learned about starting and running a business or how they deliver excellent customer service. How will what you have learned through this interview change your future plans or ways of thinking about business? (based on pages 2.1-2.4 of manual)

#### ESI Unit 2: The Case of ME

F-531-SF2 SOCIAL ENTREPRENEURSHIP

PRESENTATION- Prepare a five slide power point presentation about a social entrepreneurship event to benefit a group or individual in your community.

Social entrepreneurs are people who are in business to help others. Submit a print out of the note pages which show each slide and include an explanation of each slide. Enter exhibit in a report cover with **fasteners** (no slide bars). Refer to page 2.4 of Unit 2 The Case of Me for Ideas.

#### ESI Unit 3: Your Business Inspection

F-531-SF3 MARKETING PACKAGE - (mounted on a 14" x 22" poster) must include at least three items (examples) developed by the 4-Her from the following list: business card, brochure, advertisement, business promotional piece, printout of an internet home page, packaging design, signs, logo design, direct mail piece, etc. The marketing package should be for an original business developed by the 4-Her and not an existing business.

F-531-SF4 SAMPLE OF AN ORIGINAL PRODUCT - with an information sheet (8x11") answering the following questions:

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

F-531-SF5 PHOTOS OF AN ORIGINAL PRODUCT

(mounted on a 14" by 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.

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

#### ENTREPRENEURSHIP – ALL UNITS

F-531-SF6 Entrepreneurship Challenge – Take on the entrepreneurship challenge. Entrepreneurship Challenge is open to 4-H'ers enrolled in any of the three units of ESI. Complete five (5) or more of the

challenges from the following list. The exhibit will include highlights from these five (5) challenges. Consider labeling each challenge so the viewer will understand what the challenge was. Enter a poster, video, report or scrapbook related to the learning from the challenge. Use your creativity to show and share what you learned. Select your five (5) challenges from the list below:

1. Sell something.
2. Introduce yourself to a local entrepreneur and take a selfie with them.
3. Be a detective! Look for Nebraska-made products and find out more about the business.
4. Tour 2-3 entrepreneurial businesses and create a photo story.
5. Investigate what it takes to be an entrepreneur (Skills Assessment ESI 4.1.)
6. Make a prototype (sample/model) of a new product idea. (Include the prototype or a photo of prototype.)
7. Work with a friend to develop a new business idea!
8. Contact your local Extension Office to learn about entrepreneurship opportunities.
9. Create an activity to teach others about entrepreneurship (coloring page, puzzle, game, etc.)

F-531-975 OTHER MONEY MANAGEMENT EXHIBIT

## DEPARTMENT C HUMAN DEVELOPMENT

The term Human Development includes child care, 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, please refer to the new 4-H online resource: <https://unl.box.com/s/eoigrjsuq67yvtq1def160mmjuhozvck> - What It Takes To Be Your Teen Babysitter. In addition another resource that will assist youth in understanding young children is the Nebraska Early Learning Guidelines - <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-H'er. The 4-H'er 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 6a

### 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-SF1 SOCIAL EMOTIONAL DEVELOPMENT

C-200-SF2 LANGUAGE and LITERACY  
DEVELOPMENT

C-200-SF3 SCIENCE

C-200-SF4 HEALTH AND PHYSICAL  
DEVELOPMENT

C-200-SF5 MATH

C-200-SF6 CREATIVE ARTS

C-200-SF7 ACTIVITY WITH A YOUNGER CHILD - POSTER (14" X 22") OR SCRAPBOOK: showing 4-H'er working with a child age 0 to 8 years. May show making something with the child, or other 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-Her can be in the photos. 4-Her must make poster or scrapbook. No information sheet needed for Class 7.

C-200-SF8 BABYSITTING KIT - Purpose of the kit is for the 4-Her to take with them when they babysit in someone else's home. Do not make kit for combination of ages or for your own family use. 4-Her should make one or more items in the kit, but purchased items are also allowed. A list of items in the kit is suggested to be included. Display in box or bag suitable for what it contains. Approximate size not larger than 12" x 15" x 10". All items must be safe for child to handle. Information sheet for class 8 should include:

1. State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for.
2. What are children this age like? Give 2 examples that show how the kit would be appropriate for children this age.
3. What will the child learn or what skills will he/she gain by using the kit?
4. What item(s) was/were made by the 4-Her? Most importantly the kit should serve a defined purpose, not just be a catch all for several items.

**4-Hers taking any of the projects in Department C-200 may enter:**

C-200-SF9 FAMILY INVOLVEMENT ENTRY  
Scrapbook, poster or story describing an activity the family did together. It might include making something such as a doll house or feedbunk. Items may be exhibited if desired. Other possibilities include a house or farm cleanup project, a family reunion, a celebration of a family milestone, a trip or vacation, moving, a community service project. Photographs are encouraged. Visuals should show family participation. Participation by all family members is important. Include a list of family members and what each person did to participate in the event.

**4-H'ers taking GROWING ALL TOGETHER (2 or 3) may enter:**

C-200-SF10 GROWING WITH OTHERS - SCRAPBOOK, OR POSTER (14" x 22"). Examples: How to decide if it's time you can be home alone, and related activities. How responsibilities and privileges are related. Friendships. Working with others. Understanding rules and boundaries. A family tree. A family rules chart. A family meal plan, with pictures of a special family meal. A home safety checklist. Being street smart (safety). A school scrapbook showing yourself and your school activities, memories, and special interests.

C-200-SF11 GROWING IN COMMUNITIES  
SCRAPBOOK, OR POSTER (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 safety check.

C-200-974 OTHER HUMAN DEVELOPMENT ITEM

## **DIVISION 907 - YOU DESIGN IT**

Premium 5

**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, Applique, Embroidery, Cross-Stitch, Clay, Porcelain, Ceramics, Fiber Art, Leather, Metal, Nature Projects, Corn Husks, Oil, Water Color, 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 5

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, Water Color or Other Painting, Weaving, Macramé, Wood (Other Than Furniture), Textiles, Glass, Paper, Chalk, Carbon /Ink, Plastic, Porcelain or China Painting

F-909-971 Only 5 items per exhibitors.

## **DIVISION 911 - SECRETARY BOOKS**

Premium 7

F-911-971 4-H CLUB SECRETARY BOOK - Each club is limited to one entry made by its official club secretary.

## **DIVISION 912 - NEWS REPORTS**

Premium 7

F-912-971 4-H CLUB NEWS CLIPPINGS - Open to club news reporters only. One entry per club. Three news clippings mounted on one 8 1/2" x 11" paper or cardboard. Clippings must be from newspapers dated between October 1 of the previous year and August of the current year. Each clipping must bear the name and date of the newspaper in which it appeared. Clippings should be mounted in order by date.

## DIVISION 914 - BUILDING FAMILY STRENGTHS

Premium 6a

F-914-971 FAMILY FUN NIGHT NOTEBOOK - explaining what was planned for family fun night. List activities and evaluate the event.

## 4-H SCHOOL ENRICHMENT

Entries are any poster, essay or educational exhibit in any medium showing what was learned in the project. All exhibits need name of person, address, class, grade, school, and school address. 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".

## DIVISION 922 - SCHOOL ENRICHMENT

Premium 5

F-922-971 ANY SCHOOL ENRICHMENT EXHIBIT: If your classroom participated in a project, you may enter it in this class.

## DIVISION 922 - 4-H AFTER SCHOOL / OUT OF SCHOOL WORKSHOPS

Premium 5

Each exhibitor may enter one or more items made at any 4-H workshop held after the 2017 Cass County Fair.

F-922-991 4-H WORKSHOP ITEM

# Photography

## DEPARTMENT B PHOTOGRAPHY

Co-Superintendents - Heather Ackman<sup>7</sup>  
and Tammy Cavanaugh

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 will be sent to the State Fair.

### GUIDELINE RULES

1. 4-H members are allowed entries in only one unit of competition.
2. Entry Tags: Pink entry tag must be stapled securely to the upper right hand corner of picture displays. Exhibit Prints must have entry tags scotch taped to the upper right hand corner.
3. A photograph may only be used on one exhibit and may be taken with a film or digital camera.
4. Photos must be shot during the current project year by the 4-H member.
5. **Securely** attach photos. Attaching photos with double stick tape is preferred.
6. Do not use photo corners, borders or place coverings over the exhibits. Do not include negatives.

**Personal Data Tag - REQUIRED** on all classes. Unit II prints and displays require the Unit II Print/Display Data Tag. Unit II showcases require the Unit II Showcase Data Tag. All Unit III entries, including portfolios require the Unit III. Data tags are available at:

<https://unl.box.com/s/1ttnemphrd4szyk15t9xm1ofiezi86js>

### Personal Data Tag: Part A

(Be specific when describing your camera and settings.)

**Tell us about you:**

**Name:** \_\_\_\_\_

**Age:** \_\_\_\_\_

**County:** \_\_\_\_\_

**Years in the Photography Project:** \_\_\_\_\_

**Years in the Current Unit:** \_\_\_\_\_

**Unit:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Tell us about your camera and your settings:**

**Camera Description:** \_\_\_\_\_  
(make and model)/(digital/film, fixed/auto/SLR)

**or**

**Phone/Tablet Camera:** \_\_\_\_\_  
(make and model)/(megapixels)

**Film Speed/ISO Setting:** \_\_\_\_\_  
(this is a number)

**Camera Setting:** \_\_\_\_\_  
(ex: landscape, sport, etc.)

**Flash:** \_\_\_\_\_  
(flash, natural or artificial light used)

**Filter Used (if any):** \_\_\_\_\_  
(ex: color, screen, etc.)

**Special Lens Used (if any):** \_\_\_\_\_

(wide-angle, telephoto, micro)

**Focus Type:** \_\_\_\_\_

(Automatic, Manual, Fixed)

**Aperture Type/F Stop Setting:** \_\_\_\_\_

(this is a number)

**Shutter Speed Setting:** \_\_\_\_\_

(this is a number)

**Did you adjust manually?** \_\_\_\_\_

(yes or no)

**Personal Data Tag: Part B**

Answer the following questions:

**Unit II**

1. How was the photo taken and printed (name the equipment and software used),
2. Describe any changes made to the picture using computer software.
3. What did you intend to capture and what do you like about this photo?

**Unit III**

1. How was the photo taken and printed (name the equipment and software used)?
2. Describe any changes made to the picture using computer software.
3. What did you intend to capture and what do you like about this photo?
4. Describe the science of taking a photo.

**Participants in Unit III, CLASS 50 CHALLENGING EXHIBIT PRINT,** In addition to the four questions above, include the following question and answer on the data tag.

5. What special effect did you apply to your photograph?

\*\*\*\*\*

**Cass County Extension Photo Display Guidelines**

4-Hers must enter only the classes for the unit in which they are enrolled. Except all 4-Hers may exhibit in the Native Grasses and Wild Flowers area.

- 4-Her may enroll in only one Unit of Photography
- There should be no matting on any display of multiple prints.
- For display classes (classes other than those printed on 8" x 10" paper), the prints must be mounted on 11" high (vertical) by 14" wide (horizontal) poster board or matting board. Two acceptable colors are black (preferred) or white. No other color will be accepted for anything that requires mounting on 11" x 14" board.
- Use double stick tape to mount your pictures.
- There should be no lettering on the front of any photo display except for the small, lead pencil number under the right hand corner of each print in display classes. Writing should be small. Lead pencil should be used even on black poster board. Arrange photos for the greatest impact.
- Plan your display board so the entry tag doesn't cover a photo.
- Pictures may be cropped (cut). Size of the individual prints may range from 2" x 4" to 5" x 7", or a combination of these sizes. Variety in size may add interest.

- Photos can be mounted either vertically or horizontally.
- A sandwich backing is placing the photo between a pre-cut mat and a similar size piece of cardboard that is taped to the mat on the inside at the top. Secure all four edges with double stick tape.

\*\*\*\*\*\

**DIVISION 163 - NATIVE GRASSES AND WILD FLOWERS**

Premium 5

Any 4-Her may exhibit in the Native Grasses and Wild Flowers area. You may be enrolled in another photography unit and still exhibit in this area.

B-163-998 NATIVE GRASSES AND WILD FLOWERS EXHIBIT PRINT - 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 WILD FLOWERS DISPLAY - Entry will consist of 3 different pictures of native grasses and wild flowers mounted horizontally or vertically on 11"x 14" poster board. Put numbers by each photo with a pencil.

**DIVISION 164 - PHOTOGRAPHY FOR FUN**

Premium 8

Photography for Fun is a beginning level project recommended for ages 8-11. Exhibits receive a participation ribbon and a comment sheet.

B-164-971 MY FAVORITE PICTURE EXHIBIT PRINT - 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 - 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 - 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 - 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.

B-164-975 QUICK CLICKS DISPLAY - Entry will consist of 3 different pictures taken with a disposable camera mounted horizontally or vertically on 11"x 14" poster board. Put numbers by each photo with a pencil.

**DIVISION 180 AND 181 GUIDELINES**

A. Unit I & Unit II Picture Displays:

1. Three 4 x 6 photos mounted on a single **horizontal 11"x 14"** black (preferred) or white poster or matting board.

2. Every photo or picture display must be **pencil** numbered (no.2 lead pencil) below (for judge's reference only.) Numbers should be readable but not detract from display.
  3. No titles, captions, or stick-on numbers will be allowed.
  4. Photos must be mounted horizontally or vertically.
  5. Personal Data Tags (parts A & B) are required. (See General Rule G)
  6. Unit II Print/Display Data Tags are required (See General Rule H)
- B. Unit I & Unit II Exhibit Prints
1. All exhibit prints are 8"x 10" prints mounted in 11"x 14" (outside size) cut matting (no frames) with a sandwich mat-board backing (not foam board); rectangular or oval inside mat opening.
  2. Place photos horizontally or vertically as appropriate.
  3. Unit II Print/Display Data Tags are required (See General Rule H)
- C. Unit II Photo Showcase
1. Choose one lesson from each of the four project areas in the Level 1 project manual titled "Focus on Photography" or Level 2 project manual titled "Controlling the Image". ) For example you might choose You Take Control from Project Area 1, Lighting in a Flash from Project Area 2, The Rule of Thirds from Project Area 3 and Bits and Pieces from Project Area 4.
  2. Take three photos that showcase each lesson, for example 3 photos using different shutter speeds or 3 photos showcasing the Rule of Thirds. You will take 12 photos in all.
  3. Mount 4x6 photos on 8½ x 11 white paper. For each set of three photos include a short paragraph describing the lesson you are illustrating and changes you made to your camera settings for each photo (shutter speed, aperture, type of lighting). You may also draw the rule of thirds or golden photo on your photos.
  4. Place pages in an 8½ x 11 black or white three-ring binder. Plastic sleeves are recommended for each page.
  5. **Showcase Data Tags are required.** For your showcase complete only the Showcase Data Tag and include this as page one of your showcase.

## **DIVISION 180 - FOCUS ON PHOTOGRAPHY UNIT I**

Premium 5

- B-180-976 PHOTO SHOWCASE - An entry will consist of a single completed and bound section of project 1, 2, 3, or 4 in the Level 1 project manual titled "Focus on Photography"
- B-180-977 FUN WITH SHADOWS DISPLAY- An entry will consist of 3 pictures of 3 different subjects that capture the image of the shadow.

- B-180-978 MAGIC AND TRICKS DISPLAY- An entry will consist of 3 pictures of 3 different subjects that use a special effect to create interesting photos.
- B-180-979 PICTURE DISPLAY - Entry will consist of three pictures. The 4-H member will exhibit ONE PICTURE FROM THREE DIFFERENT CATEGORIES. Categories to be selected from include: 1) animal; 2) building; 3) people; 4) landscape; 5) special effects; 6) still life; 7) sports. Number each picture.
- B-180-980 PICTURE STORY SERIES - An entry will consist of a series of three to five pictures which tell a photo story and should have a photographic introduction, a body and a conclusion, all done with pictures. Each photo should show a definite step. Imagination and variety are encouraged. Number each picture. Don't pose people.
- B-180-981 PHOTOGRAMS - An entry will consist of one photogram developed on 8" x 10" black and white photographic paper, mounted in 11" x 14" cut matting with sandwich backing. Entry will be judged on creativity, use of shapes, texture, black to white color variance, correct exposure and composition.
- B-180-982 PHOTOGRAPHY TECHNIQUE DISPLAY - Entry will consist of three pictures. The 4-H member will exhibit ONE PICTURE FROM THREE DIFFERENT CATEGORIES. Categories to be selected from include: 1) vertical framing; 2) horizontal framing; 3) close up; 4) different viewpoint; 5) trick photography; 6) simple background. Number each picture.
- B-180-983 BUILDING / LANDSCAPE PICTURE DISPLAY: An entry will consist of 3 pictures of 3 different subjects. Subjects include buildings and landscape. Two photos will be of one subject and one photo of the other (e.g. two building photos, one landscape photo; or vice versa). Number each picture.
- B-180-984 PEOPLE/ ANIMAL PICTURE DISPLAY: An entry will consist of 3 pictures of 3 different subjects. Subjects include people and animals. Two photos will be of one subject and one photos of the other (e.g. two people photos, one animal photo; or vice versa). Number each picture.
- B-180-985 MY FAVORITE OTHER PICTURE: Any other favorite photo. 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-180-986 BUILDING / LANDSCAPE EXHIBIT PRINT - 8"x10"mounted in appropriate size cut matting (no frames) with a sandwich backing.
- B-180-987 PEOPLE/ ANIMAL EXHIBIT PRINT - 8"x10"mounted in appropriate size cut matting (no frames) with a sandwich backing.
- B-180-988 EXHIBIT PRINT - Any subject matter.

## **DIVISION 181 - CONTROLLING THE IMAGE UNIT II**

Premium 5

- B-181-SF10 CONTROLLING THE IMAGE SHOWCASE – An entry will consist of a three-ring

binder of three 4x6 photos showcasing four lessons addressed in the Level 2 project manual titled "Controlling the Image". A showcase will include a total of 12 photos.

- B-181-SF20 **MANUAL SETTING EXHIBIT PRINT** – Entry will consist of a print that showcases the participant's ability to master the manual setting on the camera. 1) Manual Focus, 2) Manual Aperture, 3) Manual Shutter Speed, 4) Combination of any of the listed techniques, 5) Other technique not listed. (Controlling the Image, P. 10-17).
- B-181-SF30 **LIGHTING DISPLAY OR EXHIBIT PRINT** – Entry will consist of a display of 3 pictures of 3 different subjects or an exhibit print that demonstrates lighting effects (Low Lighting, Hard Lighting, Soft Lighting, Silhouettes and Lighting with a Flash). (Controlling the Image, p. 18-33)
- B-181-SF40 **COMPOSITION DISPLAY OR EXHIBIT PRINT** – Entry will consist of 3 completely different views or angles of the same subject or a print that illustrates one of the following composition lesson in the Level 2 Project Manual (Rule of Thirds, The Golden Photo, Space Tells the Story, Building a Photo, and Capture a Candid Photo. (Controlling the Image, p. 34-53)
- B-181-SF50 **SMART PHONE CANDID CAPTURE DISPLAY OR EXHIBIT PRINT** – Entry will consist of a display of 3 pictures of 3 different candid shots or an exhibit print that captures a candid, un-posed moment. \*This class is only for photos captured on mobile device (phone or tablet). (Controlling the Image, p. 50-51)
- B-181-SF60 **TRUE LEADER EXHIBIT PRINT** – Explore true leaders in your community. True leaders can be anyone from community leaders, teachers, and volunteers to parents and friends. So, what sets them apart? What makes someone a true leader? What effect do they have on the people or environment around them? How can you tell their story through photography?
- B-181-989 **CASS COUNTY THEME** - Use imagination, be creative, portray something about Cass County. May be taken with a digital camera. Use Sandwich Backing.
- B-181-990 **EXHIBIT PRINT** - Any subject matter. May be taken with a digital camera. Use Sandwich Backing.
- B-181-991 **BUILDING / LANDSCAPE EXHIBIT PRINT** - 8"x10"mounted in appropriate size cut matting (no frames) with a sandwich backing. May be taken with a digital camera.
- B-181-992 **PEOPLE/ ANIMAL EXHIBIT PRINT** - 8"x10"mounted in appropriate size cut matting (no frames) with a sandwich backing. May be taken with a digital camera.

## MASTERING PHOTOGRAPHY- UNIT III GUIDELINES

### A. Unit III Exhibit Prints:

1. All exhibit prints are 8"x 10"prints mounted in 11"x 14" (outside size) cut matting (no frames) with a sandwich mat-board backing (not foam board); rectangular or oval inside matt opening
2. Unit III Data Tags are required.
3. Note: Manual adjustments are strongly encouraged for Unit III Exhibits.

### B. Unit III Photography Portfolio

1. Select ten photos from your 4-H career that represent the strongest collection of your work.
2. Photos may have been taken at any time during the 4-H experience and may have been previously exhibited. Photos can only be used in a portfolio once.
3. Place photos in plastic sleeves and present them in an 8 ½ x11 black or white 3 ring binder. No matting is necessary.
4. On the first page of the portfolio include a table of contents listing a title for each photo in your collection and a narrative describing the overall intent for the portfolio. For example the portfolio could include a range of your work from your earlier years in 4-H photography to the present, you could have a creative theme for your portfolio or you could include photos that illustrate your diverse photography skills.
5. Unit III Data Tags are required along with supporting information. On the page prior to EACH photo include an information sheet for each photo that includes 1) Unit III Data Tag, 2) the photograph title and 3) a paragraph describing how the photo contributes to the overall intent of your portfolio. The information sheet and the photo should create a 2 page layout so that when the portfolio is open the information sheet is the page on the left and the photo is the page on the right.

## DIVISION 182 - MASTERING PHOTOGRAPHY UNIT III

### Premium 4

- B-182-SF10 **PHOTOGRAPHY PORTFOLIO** - Entry will consist of ten photos that represent the strongest collection of your work. See the notes above regarding details for the class.
- B-182-SF20 **ADVANCED LIGHTING EXHIBIT PRINT** - Entry will consist of a print that illustrates creative lighting. (Mastering Photography, p. 18-33).
- B-182-SF30 **BREAKING THE RULES** – Entry will consist of a print that presents a unique focal point and uses different viewpoint, lines, shapes and spacing to create a compelling image. SF86.98 (3) (6) (Mastering Photography, p. 34-41)
- B-182-SF40 **PORTRAIT EXHIBIT PRINT** – Entry will consist of a print that captures both physical characteristics and personality in their subjects. (Mastering Photography, p. 46-53)

B-182-SF50 CHALLENGING EXHIBIT PRINT – Entry will consist of a print that illustrates a special effect: 1) Double Exposure, 2) Light Painting, 3) Flash Multiple Exposure, 4) Filters (Mastering Photography, p. 14-17), 5) Night Time Exposure (Mastering Photography, p. 22-25), 6) Digitally altered photos, 7) Other technique not listed. (Mastering Photography, p. 66-69)

B-182-SF60 TRUE LEADER EXHIBIT PRINT – Explore true leaders in your community. True leaders can be anyone from community leaders, teachers, and volunteers to parents and friends. So, what sets them apart? What makes someone a true leader? What effect do they have on the people or environment around them? How can you tell their story through photography?

B-182-993 EXHIBIT PRINT - Enlargement of any subject. Use Sandwich Backing.

B-182-994 MASTERING COMPOSITION EXHIBIT PRINT - Entry will consist of a print that illustrates interesting shapes, patterns, or textures. Use Sandwich Backing

## DIVISION 183 - PHOTOGRAPHY FLOP

Premium 5

B-183-995 Photography Flop- 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 individual 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 5

#### GENERAL INFORMATION: RANGE MANAGEMENT

- A. Individuals in Reading the Range Unit I project may exhibit in Classes 1-5 and 8.
- B. Individuals in the Using Nebraska Range Unit II project may exhibit in Classes 1-8.
- C. Each exhibit must be properly identified with Unit and Class.
- D. All plant displays and display covers must be the result of the current year's work.
- E. 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

- A. For books, plants must be mounted on sheets that are 14" wide x 14" high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue.
- B. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness and conformation to project requirements. Refer to Scoresheet SF260.
- 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 order that plants were collected in your personal collection;
  7. Other information, depending on class selected, i.e. value and importance, life span, growth season, origin, major types of range plants. This information should be typed or printed neatly.

Scientific Name: *Schizachyrium scoparium* (Michx.) Nash  
Common name: Little bluestem  
County of collection: Cass County  
Collection date: 6 July 2018  
Collector's name: Joe Smith  
Personal Collection number: 7  
Value and Importance: Livestock Forage: High, Wildlife  
Habitat: High, Wildlife Food: Medium OR Life Span:  
Perennial OR Season of Growth: Warm Season OR  
Origin: Native

D-330-SF1 VALUE AND IMPORTANCE FOR LIVESTOCK FORAGE AND WILDLIFE HABITAT AND FOOD BOOK- 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 2009) on pages 3 -6. Plants can consist of any combination of grasses, grass-like plants, forbs or shrubs. Assemble plant mounts in order of high, medium, and low value and importance. Label each plant mount with its value and importance classifications for each of the three areas: Livestock Forage, Wildlife Habitat, and Wildlife Food.

D-330-SF2 LIFE SPAN BOOK- A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.

D-330-SF3 GROWTH SEASON BOOK - A collection including 6 cool-season grass mounts and 6 warm-season grass mounts.

D-330-SF4 ORIGIN BOOK- 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-SF5 MAJOR TYPES OF RANGE PLANTS BOOK- A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like and 3 shrubs.

D-330-SF6 RANGE PLANT COLLECTION BOOK – A collection of 12 range plant mounts with something in common (i.e. poisonous to cattle, or historically used as food by Native Americans, or dye plants, or favorite antelope forage, etc.). Include a short paragraph in the front of the book which describes what the plants have in common and why you have chosen to collect them.

## DISPLAYS

The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28" by 28" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side. Refer to Scoresheet SF259.

D-330-SF7 PARTS OF A RANGE PLANT POSTER – Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner. Put your name and 4-H county on the back of the poster.

## BOARDS

Boards should be no larger than 30" wide x 36" tall or if hinged in the middle a maximum of 60" wide and 36" tall. Boards should be adequately labeled. . Refer to Scoresheet SF260.

D-330-SF8 RANGE PLANT BOARD -will include 25 range forage species important to a particular county.

D-330-SF9 SPECIAL STUDY BOARD - A display of the results of a clipping study, a degree of use study or a range site study, etc.

D-330-SF10 JUNIOR RANCHER BOARD- This exhibit should include a ranch map with a record book or an appropriate educational display on some phase of rangeland or livestock management.

## DEPARTMENT G FIELD CROPS

### DIVISION 750 - GRAIN OR PLANT EXHIBITS

#### Premium 5

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: FIELD CROPS

- A. Individuals in the Crop Production, Field Crops project may exhibit grain or plants or prepare an educational display representing their project.
- B. **IMPORTANT:** A two page (maximum) essay 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 (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Refer to Score sheet SF259.
- C. Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g. corn or soybeans) may be from the previous year's project. Display containers will be furnished.
- D. 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-SF1 CORN (includes yellow, white, pop, waxy or any other type)

G-750-SF2 SOYBEANS

G-750-SF3 OATS

G-750-SF4 WHEAT

G-750-SF5 ANY OTHER CROP (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

## DIVISION 750 - DISPLAYS

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

Each display must have a one page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside.

G-750-SF6 CROP PRODUCTION DISPLAY--The purpose of this class is to allow original and creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, etc.

G-750-SF7 CROP TECHNOLOGY DISPLAY - Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.

G-750-SF8 CROP END USE DISPLAY - Display information about the uses for a crop, such as food, feed, fuel, or other products.

G-750-SF9 WATER OR SOIL CONSERVATION DISPLAY - Display information about water or soils, such as how soils are being used for crop production, range, conservation, wildlife, wetlands use, or ways to protect or conserve water and soil resources.

G-750-SF10 CAREER INTERVIEW DISPLAY - The purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview 1 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.

## DIVISION 751 - WEED SCIENCE

Premium 5

### 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 Score sheet 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.

Scientific Name: *Abutilon theophrasti* Medik.

Common name: Velvetleaf

County of collection: Cass County

Collection date: 6 July 2018

Collector's name: Dan D. Lion

Personal collection number: 3

Life Cycle: Annual

G-751-SF1 WEED IDENTIFICATION BOOK - A collection of a minimum of 15 plant mounts, including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plumeless thistle, salt cedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed, or phragmites), and at least five weeds that are a problem primarily in lawns.

G-751-SF2 LIFE SPAN BOOK- A collection of 7 perennial, 1 biennial, and 7 annual weeds.

G-751-SF3- WEED DISPLAY BOOK - 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" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side. Explain pictures and graphs clearly and concisely.

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.

G-751-SF4 WEED DISPLAY - The purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide resistant weeds, what makes a weed a weed, or uses for weeds.

## DEPARTMENT 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.** The Helen Lepert Flower Foundation awards \$30 to the top fresh cut flower exhibit.

### 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. Score Sheet SF106

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

Premium 6a

**Annuals and Biennials** - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

- G-770-SF1 ASTER
- G-770-SF2 BACHELOR BUTTONS
- G-770-SF3 BELLS OF IRELAND
- G-770-SF4 BROWALLIA
- G-770-SF5 CALENDULA
- G-770-SF6 CELOSIA (crested or plume) 3 stems
- G-770-SF7 COSMOS
- G-770-SF8 DAHLIA
- G-770-SF9 DIANTHUS
- G-770-SF10 FOXGLOVE
- G-770-SF11 GLADIOLUS (3 stems)
- G-770-SF12 GOMPHRENA
- G-770-SF13 HOLLYHOCK (3 stems)
- G-770-SF14 MARIGOLD
- G-770-SF15 PANSY
- G-770-SF16 PETUNIA
- G-770-SF17 SALVIA
- G-770-SF18 SNAPDRAGON
- G-770-SF19 STATICE
- G-770-SF20 SUNFLOWER
- G-770-SF21 VINCA
- G-770-SF22 ZINNIA
- G-770-SF23 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-SF30 ACHILLEA/YARROW
- G-770-SF31 CHRYSANTHEMUM
- G-770-SF32 CONEFLOWER
- G-770-SF33 COREOPSIS
- G-770-SF34 DAISY
- G-770-SF35 GAILLARDIA
- G-770-SF36 HELIANTHUS
- G-770-SF37 LIATRIS (3 stems)
- G-770-SF38 LILIES (3STEMS) (NOT DAYLILIES)
- G-770-SF39 PLATYCODON
- G-770-SF40 ROSE (3 stems)
- G-770-SF41 RUDBECKIA/BLACK-EYED SUSAN
- G-770-SF42 SEDUM
- G-770-SF43 STATICE
- G-770-SF44 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-SF45 4-H FLOWER GARDEN COLLECTION OF 5 DIFFERENT FLOWERS Each flower in the collection should be exhibited with the number specified for classes 1-44. Display in a box or other holder not more than 18" in any dimension. Do not

duplicate entries in classes 1-44 with any in the group collection.

G-770-972 ANY COUNTY ONLY PERENNIAL (up to three different perennials)

### EDUCATIONAL EXHIBITS

G-770-SF50 FLOWER NOTEBOOK - exhibit a notebook containing pictures of flowers grown in Nebraska.

There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. Bulbs may be included in a 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 (for example: needs full sun and dry sandy soil) the species prefers. In addition to this information, bulbs should also be labeled as spring or summer flowering. Give proper credit by listing the sources of pictures and information used. The 4-H member's name, age, full address, county, and years in the project(s), full address and county must be on the back of the notebook. Score Sheet SF100

G-770-SF51 FLOWER GARDEN PROMOTION POSTER - individual poster promoting flower gardening, size 14' x 22" either vertical or horizontal arrangement Poster may be in any medium: watercolor, ink, crayon, etc. as long as 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, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF103

G-770-SF52 EDUCATIONAL FLOWER GARDEN POSTER - prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H flowers or houseplant project. You might show a special technique you use or equipment you have incorporated in your garden. Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, years in the project(s) and county must be on the back of the poster. Score Sheet SF104

G-770-SF53 FLOWER GARDENING HISTORY INTERVIEW - neatly handwritten account of a gardening history interview whose flower garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the report cover. Score Sheet SF105

### HOUSEPLANTS

**Container Grown Houseplants:** The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container.

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"

(<http://extensionpublications.unl.edu/assets/html/g2205/buid/g2205.htm>) and NebGuide G837 "Guide to Selecting Houseplants"

(<http://extensionpublications.unl.edu/assets/html/g837/buid/g837.htm>) 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, full address, county, and years in the project(s) must be on the bottom or back of the container and saucer. Score Sheet SF107

G-770-SF60 FLOWERING POTTED HOUSEPLANT(S) that are blooming for exhibition.

G-770-SF61 FOLIAGE POTTED HOUSEPLANT(S) of all the same variety.

G-770-SF62 HANGING BASKET of flowering and/or foliage houseplants.

G-770-SF63 DISH GARDEN - an open container featuring a variety of houseplants excluding cacti and succulents.

G-770-SF64 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, i.e. bench, fence made from tiny twigs, small shell for a bath tub, etc.

G-770-SF65 DESERT GARDEN - an open container featuring cacti and/or succulents grown as houseplants.

G-770-SF66 TERRARIUM - a transparent container, partially or completely enclosed; sealed or unsealed.

G-770-990 "GO GREEN" CONTAINER - use a recycled item for displaying plant or plants. Containers may be exhibited outdoors.

### DIVISION 773 - VEGETABLE, HERBS & FRUITS

Premium 6a

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. Score Sheet SF108

Follow the guidelines in “Selecting and Preparing Vegetables, Herbs, and Fruits for Exhibit” 4H226 (revised June 2013) (<http://4h.unl.edu/4hcurriculum/preparingvegetabesherbandsfruit>) when preparing entries for fair.

## VEGETABLES

- G-773-SF201 LIMA BEANS (12)
- G-773-SF202 SNAP BEANS (12)
- G-773-SF203 WAX BEANS (12)
- G-773-SF204 BEETS (5)
- G-773-SF205 BROCCOLI (2)
- G-773-SF206 BRUSSELS SPROUTS (12)
- G-773-SF207 GREEN CABBAGE (2)
- G-773-SF208 RED CABBAGE (2)
- G-773-SF209 CARROTS (5)
- G-773-SF210 CAULIFLOWER (2)
- G-773-SF211 SLICING CUCUMBERS (2)
- G-773-SF212 PICKLING CUCUMBERS (5)
- G-773-SF213 EGGPLANT (2)
- G-773-SF214 KOHLRABI (5)
- G-773-SF215 MUSKMELON/CANTALOUPE (2)
- G-773-SF216 OKRA (5)
- G-773-SF217 YELLOW ONIONS (5)
- G-773-SF218 RED ONIONS (5)
- G-773-SF219 WHITE ONIONS (5)
- G-773-SF220 PARSNIPS (5)
- G-773-SF221 BELL PEPPERS (5)
- G-773-SF222 SWEET (NON-BELL) PEPPERS (5)
- G-773-SF223 JALAPENO PEPPERS (5)
- G-773-SF224 OTHER PEPPERS (5)
- G-773-SF225 WHITE POTATOES (5)
- G-773-SF226 RED POTATOES (5)
- G-773-SF227 RUSSET POTATOES (5)
- G-773-SF228 OTHER POTATOES (5)
- G-773-SF229 PUMPKIN (2)
- G-773-SF230 MINIATURE PUMPKINS (5) (Jack Be Little type)
- G-773-SF231 RADISH (5)
- G-773-SF232 RHUBARB (5)
- G-773-SF233 RUTABAGA (2)
- G-773-SF234 GREEN SUMMER SQUASH (2)
- G-773-SF235 YELLOW SUMMER SQUASH (2)
- G-773-SF236 WHITE SUMMER SQUASH (2)
- G-773-SF237 ACORN SQUASH (2)
- G-773-SF238 BUTTERNUT SQUASH (2)
- G-773-SF239 BUTTERCUP SQUASH (2)
- G-773-SF240 OTHER WINTER SQUASH (2)
- G-773-SF241 SWEET CORN (IN HUSKS) (5)
- G-773-SF242 SWISS CHARD (5)
- G-773-SF243 RED TOMATOES (5) (2" or more in diameter)
- G-773-SF244 ROMA OR SAUCE-TYPE TOMATOES (5)
- G-773-SF245 SALAD TOMATOES (12) (under 2" diameter)
- G-773-SF246 YELLOW TOMATOES (5) (2" or more in diameter)
- G-773-SF247 TURNIPS (5)
- G-773-SF248 WATERMELON (2)
- G-773-SF249 DRY EDIBLE BEANS (1 PINT)

- G-773-SF250 GOURDS, MIXED TYPES (5)
- G-773-SF251 GOURDS, SINGLE VARIETY (5)
- G-773-SF252 ANY VEGETABLE that doesn't fit in any other class (2, 5 or 12)
- G-773-SF255 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-SF256 4-H CULTIVAR VEGETABLE COLLECTION - Vegetables entered in the collection are 5 cultivars from a single exhibit; for example 5 cultivars of all types of peppers or squash or onions or tomatoes, etc. Display in a box not more than 24" in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging; but plastic grass, cotton figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252).
- G-773-971 BEST DRESSED VEGETABLE - Any one vegetable may be exhibited. Use your imagination in dressing up your vegetable. Example: Mister Potato Head.
- G-773-972 PLANTED CONTAINER GARDEN - Any vegetable(s) and/or herb(s) planted and growing in your choice of container.

## HERBS

- Herbs will be judged using the same general criteria used for vegetables. Those grown mainly for their seed, such as dill and caraway, should be exhibited on a plate. Those grown for their leaves such as basil, parsley, etc. should be exhibited in a glass container of water. Score Sheet SF108
- G-773-SF260 BASIL (5)
  - G-773-SF261 DILL (dry) (5)
  - G-773-SF262 GARLIC (bulbs) (5)
  - G-773-SF263 MINT (5)
  - G-773-SF264 OREGANO (5)
  - G-773-SF265 PARSLEY (5)
  - G-773-SF266 SAGE (5)
  - G-773-SF267 THYME (5)
  - G-773-SF268 ANY OTHER HERB (5) (Do not duplicate entries in classes 260-267)
  - G-773-SF269 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

Fruits will be judged using the same general criteria used for vegetables. Fruit will be judged for the stage of maturity normal for that season and growing location.

- Emphasis will be placed on how well fruit approaches market quality. Score Sheet SF108
- G-773-SF280 STRAWBERRIES (1 pint everbearers)
- G-773-SF281 GRAPES (2 bunches)
- G-773-SF282 APPLES (5)
- G-773-SF283 PEARS (5)
- G-773-SF284 WILD PLUMS (1 pint)
- G-773-SF285 OTHER SMALL FRUIT OR BERRIES (1 pint) Do not duplicate entries in classes 280-284
- G-773-SF286 OTHER FRUITS OR NUTS (5) Do not duplicate entries in classes 280-284

### EDUCATIONAL EXHIBITS

- G-773-SF290 GARDEN PROMOTION POSTER - 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, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF103
- G-773-SF291 EDUCATIONAL VEGETABLE OR HERB GARDEN POSTER - prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H vegetable gardening project. You might show a special technique you use or equipment you have incorporated in your garden (e.g. drip irrigation system, composting, or special techniques learned). Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF104
- G-773-SF292 VEGETABLE AND/OR HERB GARDENING HISTORY INTERVIEW - 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, full address, and county must be on the back of the report. Score Sheet SF105
- G-773-SF293 VEGETABLE SEED DISPLAY - each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and Legume (pea) families plus representatives from 5 other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22" x 24". Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where

several examples of beans may be shown. Attach a card to the back of the display explaining why and how it is important to know which vegetables are related, and site references on where the scientific name information was found. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the display. Score Sheet SF101

- G-773-SF294 WORLD OF VEGETABLES NOTEBOOK - Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (e.g. Mexican, African, Chinese, Italian, etc.). Include a report telling about a minimum of 5 vegetables and/or herbs from each country chosen. Include the scientific and common names; pictures of the plants from your garden or seed catalogs; tell how they are grown; and how the foods are used. Also list a source for buying the seed or plants. Favorite recipes using some or all of the vegetables described may be included. Give proper credit by listing the 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, full address and county must be on the back cover of the report. Score Sheet SF102

### DIVISION 775 SPECIAL GARDEN PROJECT

Youth must be enrolled in the Delft Blue Nigella 2018 Special Garden Project through 4-H Online to exhibit in the State Fair classes G-775-001 and G-775-002.

- G-775-SF1 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, full address, 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-775-SF2 SPECIAL GARDEN PROJECT FRESH CUT FLOWERS OR HARVESTED VEGETABLES – The current years' Special Garden Project fresh cut flowers or harvested vegetables should be entered in this class. Bring 5 cut flowers following the guidelines in the publication '4-H Preparing Cut Flowers for Exhibits' 4H227 (revised 2016) (<https://unl.box.com/s/2f3a785c67p7qhqasevp6gu6adf3ugon>). The desirable traits the judge is looking for are flowers that are at the same maturity and uniform in size. Avoid selecting flowers that are damaged by insects, misshapen, or fading.

### DIVISION 777 – LANDSCAPE: GROW A BEAUTIFUL SPACE

- G-777-SF401 GROW A BEAUTIFUL SPACE UNIT 1 PORTFOLIO NOTEBOOK - Create and complete 'Landscape Professionals & Design Principles' Unit 1 Portfolio, 4H6110P. Present portfolio information in a

three ring binder. Give proper credit by listing the sources of photographs/images and information used. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the notebook.

**G-777-SF402 ESTABLISH LANDSCAPE ANALYSIS POSTER** - Take multiple photographs of a landscape that has been established for 10 or more years.

Critique the landscape based on each of the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis). Describe the spatial definition of the landscape and what different areas of the landscape "feel like". Include photos taken to support your critique. Describe what changes need to be made in the landscape to improve its characteristics and sense of space. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

**G-777-SF403 GROW A BEAUTIFUL SPACE UNIT 2 PORTFOLIO NOTEBOOK** - Create and complete 'Landscape Plants & Materials' Unit 2 Portfolio, 4H6120P. Present portfolio information in a three ring binder. Give proper credit by listing the sources of photographs/images and information used. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the notebook.

**G-777-SF404 LANDSCAPE RENOVATION POSTER** - Take multiple photographs of a landscape that doesn't quite look right because it doesn't reflect sound design principles. Select a landscape in which you can make at least three design recommendations. Identify how the design principles (order, unity, rhythm, balance, scale or proportion, and emphasis) could be better integrated into the landscape, and how plants or materials with specific features (size, form, color, or texture) could improve the space. Reduce the opacity of the images to 50-60 percent and sketch plants, structures, materials, and/or amenities that could improve the overall design over the original images. The poster should include the original image(s) and improved image(s), and include a short explanation of how the landscape design was improved. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

**G-777-SF405 ESTIMATING DREAMS POSTER** - Select a dream landscape as if money is not a consideration. Develop a plan drawing of the landscape. Draw landscape to scale. Identify the types of plants, structures, and amenities used in the landscape. Research the cost of the plants and amenities and the installation. Include the general cost of grading (if needed) and labor that could be associated with installation. Create a list, noting the plants that are included in the space. The quantities of plants and the structures, materials, or amenities and their cost should be included. Calculate the final total

estimate. The poster should include the scale drawing of the landscape, identification of plants, structures and amenities, and cost and labor. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster

**G-777-SF406 SITE INVENTORY & ANALYSIS**

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

**G-777-SF407 COMMUNITY LANDSCAPE POSTER** - Identify a local community space (park, nursing home, school, county fairgrounds, etc.) that needs some landscape improvements. Work through the design process and develop a detailed plan of your improvements to the space. The plan should include design principles, functional and aesthetic factors, list of plants and materials and their costs, budget for materials, labor you have available for the project, and a timeline. Take photographs of the area and draw over the photos to illustrate your final ideas. Include photographs of the finished landscape if project ideas were carried out. Display on a poster mat board no larger than 22" x 28". Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

**G-777-SF408 RENOVATE THE OUTDOORS**

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