

CLAY COUNTY FAIR

“We Got This”



July 8-11, 2020

**“Boots, Buckles
& Barrels of Fun”**

PREMIUM LIST

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Welding, Robotics, 4 Wheeling,	

2020 SCHEDULE OF EVENTS AND TIMES

<u>June</u>		
	12	State Horse Show ID's and Entries due
	15	Animal Identification sheets and YQCA certificates due
	15	Pre-Entry Sheets due for Static & Livestock Exhibits
	15	Horse Advancement Level 1 due (county show only)
	15	Dairy Goat Pre-entries & Animal ID Sheets due
	15	State Fair/ AkSarBen market DNA samples due (sheep, swine)
	27	Dairy Goat Show 11:00 a.m.
	30	Fashion Revue Day – Clay Center Christian Church Enter ALL clothing projects 8:30 – 10 - a.m. Fashion Revue Style Show – open to public 7:30 p.m. Music/Performing Arts 7:30 at Clay Center Christian Church
	30	Presentations Contest – 11:00 a.m.
	30	Favorite Foods Contest – 12:30 a.m. set up / show 1:00 p.m.
	30	Life Challenge Contest – all day
<u>July</u>		
Tues	7	Early entry/check-in for static exhibits, 6-9 p.m.
Wed	8	Enter/check in ALL exhibits – static and livestock, 8 – 10 a.m. Check in animals 8-10 am (other than horse) Weigh-in times: Beef, 8-10, Sheep/Goats 9 –10, Swine 10 –11 a.m. Scan hogs, sheep, meat goat – indicate <i>intent to sell</i> in auction Bucket Calf record books due 11 a.m., schedule interviews Herdsmanship starts at noon Rabbit Show 11 a.m. Poultry Show 2:00 p.m.
Thurs	9	Swine Show 8:30 a.m. Check-in horses and check-in for events by 10 a.m. Horse Show – Open show at 12:00 noon 4-H show at 12:30 Bucket Calf interviews – time TBA Bucket Calf Show –4:30
Fri	10	Beef Show 8:30 a.m. Check-in for Feeder calves Sheep Show , 1:00 p.m. Meat Goat Show – following sheep show Rainbow Classic Pet Show – 5:30 p.m.
Sat	11	Round Robin Written Test – 9 a.m. Cat and Small Animal Show , 9:30 p.m. Beef Fitting contest, 10:00 a.m. Round Robin – Large Animal Showmanship 1:00 Livestock Auction –3:00 Release Poultry/Rabbits and Livestock 4:00 Release 4-H Building static exhibits -6:00 – 8 p.m.
TBA		Dog Show – Dog Skillathon Contest Clay/Fillmore Co.

***Failure to meet the schedule deadlines, without a pre-approved excuse by the Superintendent or Extension Educator, will result in dropping the animal(s) one ribbon placing in the County live show.

CLAY COUNTY AGRICULTURAL SOCIETY MEMBERS

President	*Butch Hassler
Vice Pres.	Jared Brockman
Secretary	Lyndsay Schlick
Treasurer	Megan Brockman

Lance Schutte	Ruth Hilligas
Craig Griess	Doug Felber
Matt Caldwell	Deanna Peshek

4-H YOUTH DIVISION STAFF

Brandy VanDewalle - Extension Educator, 4-H Youth
Holli Alley – 4-H Extension Assistant
Deanna Peshek - Office Manager, Extension & 4-H
Michael Sindelar – Ag Extension Educator

COUNCIL MEMBERS and COMMITTEES ASSIGNMENTS

Awards- Records

*Kathy Sorensen	Cindy Felber	Sue Ochsner
Ann Lindvall	Angie Menke	Rita Brhel

Auction

*Bill Johnson	Butch Hassler	Gary Rohrer
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Budget – Finance – Audit

*Sue Ochsner	Jody Novak
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Family & Consumer Science

*Kathy Sorensen	Sue Ochsner
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Foodstand

*Sue Ochsner	Michelle Batterman	Amy Winter
Cheryl Brockman	Butch Hassler	Ann Lindvall

Grievance

*Rita Brhel	Bill Johnson	Ann Lindval
Butch Hassler		

Livestock

*Bill Johnson	Butch Hassler	Suzy Hassler
Cindy Felber	Kathy Sorensen	Jason Majors
Chris Moore	Angie Menke	Gary Rohrer
Joe Parr	Jason Poppe	

Promotion-Membership-Leaders

*Cindy Felber	Suzy Hassler	Cheryl Brockman
Amy Winter		

PROGRAM GUIDELINES:

HOW TO ENROLL IN 4-H

Membership into 4-H can be made anytime through the year. 4-H members are required to have projects enrolled by April 1 to be eligible to exhibit at the fair. To enroll in 4-H, members will use an online system to registration. Once completed they will be accepted as members. The site to enroll is **ne.4honline.com**

WHO IS ELIGIBLE TO ENTER?

Youth ages 8 years old and under 19 of age on January 1 that are enrolled as a 4-H member are eligible to enter exhibits. Exhibits must be the result of the 4-H club member's project since last County Fair. Records must be up to date and approved by the local leader before entry will be accepted. 4-H members must be enrolled in the project prior to April 1 of the current year to be eligible to exhibit at Clay County Fair. FFA members will follow the same regulations and deadlines as 4-H.

CLOVER KID 4H MEMBERS are 5, 6, 7 years old. They may enroll in 4-H and enter at the fair from a select list of projects. Ribbons will be awarded for exhibits. Clover Kids will show animals in a Showmanship class only. No premiums are paid to Clover Kids. Check the section in this book that shows entries allowed for Clover Kids.

ELIGIBILITY REQUIREMENTS FOR EXHIBITORS AT STATE FAIR

An exhibitor must be a 4-H member enrolled in the project they are exhibiting in the county which he/she represents. In classes where presence of the 4-H'ers is required for judging purposes, such as animal exhibits, judging contests, presentations, music contest and fashion revue, a 4-H member must be 10 by January 1 or become 11 years of age during current year. The last year of eligibility is the calendar year the member becomes 19.

WHAT ENTRIES MAY BE MADE?

Only entries mentioned in the premium list will be given a place in the exhibit.

WORKSHOP ENTRIES

4-H members and non-4-H members that have participated in a County-wide or 4-H club sponsored workshop, will be allowed to exhibit in a "Workshop Class". These exhibits will not be eligible for State Fair and topics may change yearly. Workshop entries will be made in Department. K Division 900 Class 901. Each item made at a workshop may be entered.

FAIR THEME - can be used in any way fitting. All static exhibits that incorporate the theme will receive a recognition certificate. The theme for **2020** is:

"Boots, Buckles & Barrels of Fun"



HOW MANY ENTRIES ARE ALLOWED?

Only one entry per person per class number may be made (unless specified differently) in static exhibit. Animal areas are allowed to exhibit:

- Beef: four breeding beef within the following combinations: two breeding heifers, two cow-calf pair, one cow (not same animal as shown in other class), two feeder calves, two market steers and two market heifers,
- one first year Bucket Calf,
- one second year Bucket Calf
- two dairy goats per class,
- two gilts and three individual market hogs,
- two breeding sheep per class and four market or feeder lambs,
- two breeding market goats per class and 4 markets,
- two dogs,
- ten poultry – which could be 2 per class max
- ten rabbits – which could be 2 per class max

No individual animal may be shown in both breeding and market livestock classes.

Exhibitors are responsible for showing their own animal. If two animals are in the same class, another 4-H'er may help show. Swine exhibitors have the option to move one up a weight class and this must be determined at weigh-in.

OPEN CLASS: One registered 4-H animal per species may be shown in Open Class. Obtain an Open Class Premium List for complete guidelines for livestock and static exhibits.

WHEN WILL EXHIBITS BE RELEASED? Release time for all 4-H static and livestock exhibits TBA.

Policy set by the Clay County 4-H Council and Clay County Agricultural Society (Fairboard): *All livestock stalls, tie-out areas, and pens (poultry, rabbits, sheep, swine, cattle, horses or any other animal) must be cleaned prior to removal of animals from the fairgrounds. Premium money for all members in the club will be held until after pens and/or stalls are cleaned. Premium money will be withheld for any 4-H member that removes livestock or exhibits from display before the release time.*

Early animal release - Pre-approval for early livestock dismissal possibly could be granted at the discretion of the Livestock Superintendent and Extension Staff. Circumstances would need to be evaluated. Submission for pre-approval should be made by entry deadline of June 15.

OFFICIAL 4-H DRESS CODE

Participants in livestock, dairy, small animal, cat and dog shows, are required to wear a white shirt (or blouse) with the official 4-H chevron attached or a white 4-H T-shirt. As a second option, 4-H'ers may wear the official 4-H green shirt. Dark blue denim jeans are to be worn. Dairy exhibitors only may wear white pants.

Participants in contests such as music, presentation, shooting sports, judging, and all other contests are also asked to wear a chevron patch or prominent 4-H identification.

Participants in horse will wear a white, (long sleeve preferred) shirt with a 4-H arm band worn above the elbow on the left arm. 4-H members of FFA Chapters, may wear an official FFA T-shirt in place of the 4-H shirt. State Fair or Ak-Sar-Ben

shirts will not be allowed for shows. Violators will not be allowed to show. Cell phones must be turned off when in show ring.

PREMIUM AWARDS

The information printed in this fair book is intended to be correct, however any necessary corrections and updates to these policies and guidelines will appear in 4-H newsletters.

In 4-H, all exhibits will be divided into groups according to merit. Purple will denote Superior exhibits; blue will denote an Excellent exhibit, red will denote a Good exhibit; white a Fair exhibit. Equal prizes will be given the same color under the entry number.

PREMIUM PAYMENTS will be paid as listed, within budget limitations. Premiums will be paid one time on individual livestock. (Example: no additional premium for medal winners, pen of three, carcass, rate of gain, champion, reserve champion trophy winners).

Each entry number will show its own scale of awards. ***All trophy and award winners must be purple exhibits.***

HOW TO MAKE AN ENTRY: The fair book is divided into three main areas – Contests | Livestock | Static display exhibits.

The numbers listed with each entry option are detailed with a letter and series of numbers. These denote the:

DEPARTMENT/Curriculum area (alphabet letter)

DIVISION/Project or Activity (first three digits)

CLASS/ Entry age division or level (last three digits)

(An example would be E440 001. Curriculum area E- Healthy Lifestyles; Project 440 –Citizen Safety – Class 001 - First Aid Kit).

***County only** entries can be identified by the class numbers beginning with **900**. Example: E400 **901**) an * will also precede the department letter.

Recorded on the entry tag will be exhibitors name, club, **department, division, class number**. ****ALL FAIR ENTRIES ARE TO BE PRE-ENTERED** and entry cards will be generated by the Extension Office. **Pre-enter all entries** - contests, animals and static exhibits by **June 15 of current year**.

Clover Kid exhibits will begin with a **CK** for the Department letter. There is a designated place in this book for those exhibit choices.

STATE FAIR CONTESTS offered are: Culinary Challenge Contest, Life Challenge, Clover Challenge, Grass, Weed, and Tree Identification, Horticulture Judging, Livestock Judging, Poultry Judging, Dog Skillathon, Meats Contest, and Tractor Operator Contest. **Contact the Extension office for details or visit the state fair website for complete details.**

NOTE: *All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. The selected exhibits will be marked with a purple State Fair sticker.

***Premier 4-H Science Award** is available in many exhibit areas at the State Fair.

CLOVER KID 4-H EXHIBIT CHOICES

CK - DIVISION 100

(Youth ages 5,6,7 must be enrolled in the project to make an entry).

FAMILY CELEBRATIONS

CK 100901 Mexican Pinata

CK 100902 My Choice

THEATER ARTS - Unit I

CK 100903 Homemade Puppet

CK 100904 Poem about 4-H

CK 100905 My choice

BICYCLE ADVENTURES

CJ 100906 Bicycle Poster

CK 100907 My choice

STEAM BEYOND THE NEEDLE

CK 100910 Embellished garment – t-shirt or shorts

CK 100911 Wearable art accessory – hat, shoes, bag

CK 410900 Fashion Revue Modeling entry

STEAM – CLOTHING 1

CK 100913 Pincushion

CK 100914 Pillowcase

CK 100915 Simple Pillow

CK 410901 Fashion Revue Modeling entry

MAKING FOODS FOR ME

CK 100941 Making Food for Me Placemat – color and decorated. Lamination or protection with clear contact paper advised.

CK 100942 Food Cards – Neatly cut and colored Food Cards, in self-sealing plastic bag or other secure container.

CK 100943 Grain Collage – Neatly cut and pasted pictures of grains cutout and displayed on collage

CK 100944 Dairy Tasting Party – completed Dairy Tasting Party form from Project Book. May be copied or cut from manual

CK 100945 Protein Collage – Neatly cut and pasted pictures of protein sources and food displayed on collage

CK 100946 Healthy Snack – Four cookies, bars, muffins, etc., on a paper plate or at least 1 cut of mix.

FAVORITE FOODS CONTEST - Department K Division 7 class 920

JUST OUTSIDE THE DOOR

CK 100921 Insect mobile/home

CK 100922 Bird Feeder

CK 100923 A plant started from seed with a story/pictures of how it grew

ON YOUR OWN AND OK

CK 100951 Display emergency worksheet from manual. Decorate as you choose.

CK 100952 Display First Aid worksheet from the manual. Decorate as you choose.

AEROSPACE - Unit I

CK 100924 Marshmallow rocket

CK 100925 Paper airplane

CK 100926 My choice

WORKSHOP ITEMS CLOVER KIDS

CK 100 930 Items made in county or club workshop

EVERYONE A GARDENER

CK 100928 exhibit up to 3 different garden produce

WORLD OF FLOWERS

CK 100929 exhibit up to 3 different flower entries

A SPACE FOR ME

- CK100931 Create a treasure board
- CK100932 Create storage boxes
- CK100933 Make a no-sew pillow
- CK100934 Decorate a laundry bag or hamper
- CK100935 Create a draft stopper
- CK100936 Decorate a picture frame
- CK100937 Create a wall hanging

EXPLORE FARM ANIMALS – PET ENTRY

CK100960 My Animal Poster – draw a picture of one or more of the farm animals you learned about in this project

CK100961 Food Mobil – create a mobile of the foods different animals eat

CK100962 make a poster of at least 3 animal products or by-products. The poster should show the product and what animal it came from Magazine pictures or drawings can be used.

CK100963 Animal Care Kit

CK100964 Entry of my choice

Live Animal entries – PLEASE READ regarding animal ownership. Clover Kids that have enrolled in a livestock project may show either their own animal or borrow from a sibling or another member that is exhibiting at the fair. **An Animal ID Affidavit sheet does need to be turned in to the office by June 15th telling who the exhibitor is and the ownership of the animal they will be showing at the fair.**

Clover Kids have the opportunity to “show” an animal and visit with the judge as a showmanship class. The animal will not be judged as it is strictly a “showmanship” class for youth to experience. ***** NOTE: Clover Kid livestock check in Wednesday and animals will remain at fair until dismissed on Saturday.**

Equine entries are **not** eligible for Clover Kids, Rainbow Classic, or Open Class Horse Show. Equine exhibitors must be 8 years old, 4-H age.

- | | | |
|--------------|---------|--|
| BUCKET CALF- | Z028011 | Bucket calf entry (1st year calf only) |
| SHEEP - | Z030011 | Lamb entry |
| SWINE - | Z035011 | Pig entry |
| DAIRY GOAT - | Z050011 | Goat entry |
| MEAT GOAT - | Z055011 | Goat entry |
| POULTRY - | Z070011 | Poultry entry |
| RABBIT - | Z080011 | Rabbit entry |
| CAT - | Z693011 | Cat entry |
| DOG - | Z700011 | Dog entry |
| SMALL ANIMAL | Z095011 | Guinea pig, hamster, fish... other |

HERDMANSHIP AND ANIMAL CARE is the responsibility of each 4-H member and Clover Kid that are exhibiting at the county fair. Please be responsible for proper care of your animal by watering, feeding, keeping animal cool (fans or misting) and keeping environment correct for your animal and for public viewers.

CONTEST SECTION

DIVISION 410 - FASHION SHOW – MODELING

Purple - \$6.00

Blue - \$5.00

Red - \$4.00

White - \$3.00

The 4-H Fashion Show is an opportunity for youth to showcase their clothing construction and consumer management skills. Construction garment contestants are judged for fit, construction, poise, and overall look of the garment on the individual.

Fashion Revue entry form/written narrative sheets, are due in the Extension office on pre-entry day. The narrative sheet is a brief paragraph telling the good points, description, and itemized cost of the outfit plus a sample of the fabric. This is the script that will be read aloud for the public fashion revue. All garments entered in Fashion Show will also be judged separately for clothing construction and displayed at the fair. Garments should be age appropriate.

Clover Kids - Modeling entry

CK 410-900 Modeled STEAM Beyond the Needle – entry made from project book

CK 410-901 Modeled entry STEAM 1 – entry made from project book

- STEAM – BEYOND THE NEEDLE – MODELING

C-410-010 **Embellished Garment(s) from an Original Design.** Garment is created using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-H'er using the elements and principles of design to make an original statement.

C-410-015 **Garment Constructed From Original Designed Fabric.** Fabric Yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.

C-410-020 **Textile Arts Garments** – Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

C-410-025 **Wearable Technology Garment.** Garment has integrated technology into its design.

*C-410-921 **Model Accessory Item** – (county only exhibit)

*** STEAM – CLOTHING I - MODELING- (county only) 3 MAX**

*C- 410-932 Model Pillow Case

*C- 410-933 Model Pillow

*C- 410-934 Model Simple bottom

*C- 410-935 Model Simple Top

*C- 410-936 Model Simple dress

*C- 410-937 Model Bag/Purse

*C- 410-938 Model Upcycled Garment

*C- 410-939 Model Upcycled Accessory

STEAM – CLOTHING 2 – MODELING-
(Exhibitors may model more than one item at county level)

C-410-030. Model Constructed STEAM 2 Garment(s) 4-H members who have enrolled in or have completed STEAM 3 projects are not eligible to enter STEAM 2. Possible types of STEAM 2 Clothing garments include:

- Dress OR
- Romper or Jumpsuit; OR
- Two-Piece Outfit Combination (skirt with top, vest, or lined/unlined jacket; jumper and top; pants or shorts outfit (pants or shorts with top, vest, or lined/unlined jacket). A purchased top can be worn to complete a skirt, pants, or shorts outfit with a vest or lined/unlined jacket.

STEAM – CLOTHING 3 – MODELING
(Exhibitors may model more than one item at county level)

C-410-040. Model Constructed STEAM 3 Garment(s) -Possible types of garments include:

- Dress or formal OR
- Skirted Outfit Combination (skirt with top, vest, or lined/unlined jacket OR jumper and shirt
- Pants or Shorts Outfit (pants or shorts with top, vest, or lined/unlined jacket). A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts OR
- Romper or Jumpsuit
- Specialty Wear (swim wear, costumes, western wear-chaps, chinks, riding attire or hunting gear)OR
- non-tailored lined/unlined Jacket or Coat, additional pieces with jacket or coat may either be constructed or purchased OR
- Tailored Coat, Blazer, Suit Jacket or Outwear. Additional pieces with coat, blazer, jacket or outerwear may either be constructed or purchased.

KNITTING - CROCHETING

C-410-050. Model 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 can be a sweater, cardigan, dress, coat, a top and bottom or a two piece ensemble.

SHOPPING IN STYLE - MODELING

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

C-410-060. Model Shopping In Style Purchased Outfit and Written Report

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

*** ALL SORTS OF SEWING - MODELING-**

4-H'ers enrolled in a clothing project may enter here (*county only*)

- *C-410-965 Model Garment sewn and worn
- *C-410-966 Model Recycled garment
- *C-410-967 Model Item made in workshop
- *C-410-968 Model knitted or crochet item
- *C-410-969 Model Additional sewn article or accessory (ex: apron, purse, scarf)
- *C-410-970 Model Upcycled Accessory or garment

***SHOPPING WITH SENSE- MODELING (*County only*)**

Model outfit put together for under \$25. Can be purchased from any store including second hand stores and garage sales. Purchase price does not include accessories. Must include a one page explanation of where the outfit will be worn and a description of their savvy shopping experience. Pre-entry and fashion narrative due by June 15. Include receipts with your description. Must be enrolled in a clothing project to participate.

Theme classes:

- *C-410-971 Red, White & Blue
- *C-410-972 School Daze
- *C-410-973 Denim Blues
- *C-410-974 Husker Mania
- *C-410-975 Dress Up / Special Occasion

*** BUY ONE/MAKE ONE GARMENTS - MODELING- (*county only*)**

Members enrolled in Knitting, Crocheting, STEAM 2 or STEAM 3 may enter this class. (It is okay to combine knitting or crocheted garment with a garment that the 4-H'er has also sewn. Indicate this on entry form).

*C-410-980 **Model Combine sewn**, knitted or crocheted garment(s) with a purchased item to make a complete wearable outfit. Both items must be Model.

COMMUNICATIONS DIVISIONS

- **Illustrated Presentation Contest**
- **Teaching (Trade Show Presentation)**
 - **Digital Video FilmFest**

	Purple	Blue	Red	White
Team	\$12.00	\$10.00	\$8.00	\$6.00
Individual	6.00	5.00	4.00	3.00

COUNTY AWARD: Jack Arp Memorial award (\$25) given for the top presentation.

An Illustrated Presentation, given by one (1) individual or a team of two (2) individuals, is a live presentation with a formal talk where youth will use visual aids (such as props, posters, computer-based visuals, handouts, video, etc.) to show and tell others how to do something. Judge views the entire presentation and engages in a question and answer session following presentation. Educational resources for youth can be found in the 4-H Project Resource Central found at <http://4h.unl.edu/resources>.

Junior Division - ages 8 & 9

Senior Division - ages 10 and over

Participants must be 10 years old on January 1 of current year to be eligible for State Fair competition. Complete State Fair directives are available.

At county level, an LCD projector can be available for use. If competing at the Nebraska State Fair participants may provide their own computer or other equipment as needed; and must be able to connect their computer to a HDMI plug on the television.

Rules: All 4-H Presentations topics should be related to what the 4-H youth is learning through 4-H educational experiences focused on the priorities of career and college readiness, community development, entrepreneurship, food supply confidence, living leadership development, and STEM (science, technology, engineering, and math).

4-H Presentations should include an introduction (the “why” portion of the topic), a body (the “show and tell” portion of the topic), and a conclusion/summary (the “what” portion of the topic).

Time Limit: 6-8 minutes individual, 8-10 minutes for a team presentation.

Contest Information:

Presenters using computer-based visuals may bring files on a USB drive that is PC formatted. Participants may also provide their own computer or other equipment as needed; however, participants must be able to connect their computer to a HDMI plug on the television. 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.

DIVISION 151 - 4-H ILLUSTRATED PRESENTATIONS CONTEST

B151112 - Premier Presenter Contest – (State Fair Only Class). Participant Qualification: Each Nebraska County may advance one individual or one two-person team (top purple or Grand Champion Presentation) from the Illustrated Presentation Class in the County 4-H Presentations Contest to the Premier Presenter Contest.

Class B151113 - Illustrated Presentation

Class B151114 - Illustrated Presentation, Special Topic: Nebraska Agriculture

Class B151115 - Illustrated Presentation, Special Topic: Nebraska Agriculture - Food Preparation

DIVISION 152: TEACHING TRADE SHOW PRESENTATIONS CONTEST

A Teaching (Trade Show Exhibit) Presentation, given by one (1) individual or a team of two (2) individuals, is a live, interactive, trade show style presentation where youth will continuously engage a constantly-changing/moving audience for 30 minutes by showing and telling them how to do something while answering questions. Communication Modules for youth participating in the Teaching Presentations Contest can be found in the 4-H Project Resource Central found at <http://4h.unl.edu/resources>.

Rules: Any Teaching (Trade Show Exhibit) Presentation 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 division. The class

requires the presence of the contestant(s). 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.

Presentation Topic:

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

Class B152001 – Teaching Trade Show Presentation Contest.

DIVISION 153: DIGITAL VIDEO - 4-H FILMFEST

The 4-H FilmFest is the display of digital videos that show the recording, reproducing, and broadcasting of moving visual images. Digital videos may be created by one (1) individual or a team of two (2) individuals. 4-H FilmFest, 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

Digital videos submitted will be judged live at the 4-H FilmFest. 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 the 4-H FilmFest (Digital Video) Contest can be found in the 4-H Project Resource Central found at <http://4h.unl.edu/resources>.

Film Topic:

- 1) 4-H FilmFest digital videos should engage the audience and teach them about something the 4-H youth is learning about science, healthy living, citizenship, and agricultural literacy.
- 2) Contest Information: 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: mp4, .mov, or .avi.

Class:

B153001 - 4-H FilmFest (Digital Video) Contest. (SF67).

The following digital videos may be entered in the 4-H FilmFest:

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).

***DIVISION 952 - PUBLIC SPEAKING CONTEST**

Purple - \$6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00

*B952918 **Clover Kids** (non-competitive) reading or original speech

*B952919 **Novice Division** - (10 and under) First time to compete in speech contest.
May use a reading, poem or story, or original speech, under 3 min

B952921 **Junior Division** - (8-10 4-H age) original speech under 3 min

B952922 **Intermediate Division** - (11-13 4-H age) 3 - 5 min.

B952923 **Senior Division** - (14 – 18 4-H age) 5 - 8 min. 4-H related topic

PSA (Public Service Announcement) that are 60 seconds in length. The state theme for 2020 is **Inspire Kids to Do** and should be incorporated in the PSA. All PSA's must include the following tag line within the last ten seconds of the PSA: "Learn more about Nebraska Extension 4-H Youth Development Program at 4h.unl.edu. Tag line is included in the 60 second time limit.

B952924 **PSA - Junior Division**

B952925 **PSA - Intermediate Division**

B952926 **PSA - Senior Division**

All topics must relate to 4-H in some manner with the exception of the Novice Division which may use a reading when proper credit is given to the author. Props are not to be used with speeches. Speech Contest is held in the spring. Contestants are selected to advance to District or State competition.

***DIVISION 155 - MUSIC/PERFORMING ARTS CONTEST** *(county only contest)*

Individuals - Purple - \$ 6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00
Pre-enter your performance by June 15.

Groups or individuals will be eligible for competition. Anything over a solo will be considered a group performance. A 4-H member may sing or perform in two classes. Any number of songs may be sung or performed within the six minutes time limit. Accompaniment -Recorded background music may be used in the Drill and Dance Routine. Song performances may use recorded instrumental background music. Performers must furnish their own audio if recorded accompaniment is used. Other accompaniment may be piano, guitar, or other instruments. Live accompaniment, if used, may be by a 4H member, parent or leader. All performers must be 4-H members. Each performer will receive a ribbon and premium. The top individual performer and the top selected group performance winners will each receive a medal (if a purple ribbon was awarded).

*B155931 Drill or Dance Routines

*B155932 Song Group

*B155933 Combo or Band

*B155934 Other performing arts - Group

*B155935 Solo musical/dance performance

*B155936 Other performing arts –Individual

***DIVISION 500 - JUDGING CONTESTS**

Purple - \$6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00

Livestock and Poultry are Regional contests. Contest dates will be announced in the 4-H Newsletter. Crops, Horticulture, Entomology, Dairy, Horse exhibitors - if there is enough interest, Judging Contests could be held locally or the Extension office can assist locating an area contest.

NOTE ***pre-register for livestock and some of the state contests that are held in June during UNL PASE Contest. Contact the office to be part of a team.

***DIVISION 500 - LIVESTOCK JUDGING**

***F500921** Senior Division (14 & over)

***F500923** Junior Division (8-13)

Prospective judging team members are asked to attend County Judging Team meetings and practices. State Judging Contest team selection will be made by the Judging Coach and/or Extension Educator.

DIVISION 500 - POULTRY JUDGING

***F500913** Senior Division (14 & over)

***F500914** Intermediate Division (12-13)

***F500915** Junior Division (8-11)

***DIVISION 500 - LIFE CHALLENGES**

***F500925** **County event** (date TBA— usually with Fashion Show)

***DIVISION 500 - DOG SKILLATHON CONTEST**

Purple - \$6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00

This contest is designed to test your knowledge of dogs and dog care. You do not need a dog to participate in this contest. There will be a variety of stations with visual diagrams and possible hands-on activities that contestants will work through. Pre-registration is due to the Office by June 15st. The local contest may be in conjunction with Fillmore County Contest.

GENERAL RULES:

All current 4-H members are eligible to participate in judging, skill and identification contests regardless of project enrollment.

No hats, caps or other types of headgear are to be worn. Contestants will be identified by back tag (provided by the extension office).

While the contest is in progress, a contestant shall not communicate with others, except as directed by the Superintendent of the contest.

Award recognition is as follows:

Individuals: P-B-R-W to all contestants.

Medals: 1st, 2nd, 3rd place medals will be awarded in the Junior and Senior divisions.

AGE DIVISIONS: Junior-Intermediate (10 -13) and Senior (14-18).

GUIDELINES:

This is an individual contest. There are no teams.

The focused breed for **2020 is the Working group.**

The contest will consist of a series of stations and written tests that are designed to test your knowledge of dogs and dog care.

Stations will cover:

Breed identification (pictures from the current year's group), Conformation, Dog Body Language, Grooming, Parasites, Nutrition, Obedience, Anatomy

RESOURCES AND STUDY GUIDES

4-H Dog Manuals (Manuals 1 & 2 for Juniors; Manuals 1, 2, & 3 for Seniors) American Kennel Club Breed Book www.akc.org. *The Encyclopedia of the Dog*

*F500901 Dog Skill-a-thon

***DIVISION 6 - SHOOTING SPORTS TRAINING AND CONTEST**

Because of the skills learned and the need to practice required safety procedures, only those 4-H members that are enrolled in Shooting Sports - BB Gun, Air Rifle or Archery, will be eligible to compete in the competition.

Medals and ribbons will be awarded based on levels of achievements. All participants will be awarded equal premiums of \$5.00 for participation. In order to maintain NCAA intercollegiate eligibility of youth enrolled in 4-H Shooting Sports, no cash prizes, fair premiums, etc., will be awarded based on how a 4-H'er or team ranks or finishes in a specific competition. (This statement is at the advice of Nebraska State 4-H Shooting Sports Advisory committee.)

Only model 499 BB Guns will be allowed for competition. Distance for shooting with BB Gun will be 5 meters. Distances for Air Rifle will be 10 meters.

Distances for Archery will be: Junior - 10', Intermediate - 15' and seniors - 20'.

Age Divisions: Jr. - 11 & under Intermediate - 12 & 13 Senior - 14 & over

K006931 Archery - Jr	K006911 BB Gun - Jr	K006921 Air Rifle - Jr
K006932 Archery - Int	K006912 BB Gun - Int	K006922 Air Rifle - Int
K006933 Archery - Sr	K006913 BB Gun - Sr	K006923 Air Rifle - Sr

Static Exhibit entries for Shooting Sports can be found in the Wildlife Conservation section of the fairbook. There are several opportunities to exhibit a variety of displays showing your knowledge.

***DIVISION 7 - FAVORITE FOOD SHOW CONTEST**

****All 4-Her's enrolled in a foods project are eligible to enter this county contest.**

Purple - \$6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00

Plan a menu suitable for an indoor or outdoor meal. Members will prepare one food at home and bring it along with selected table service, two display cards and own card table. Practice food safety when transporting foods. Refrigeration and a microwave are available for your use as you prepare your exhibit for food sampling.

The food may be an individual serving or for family service. Recipes may be from any source. The table service will include dishes, flatware, and table linens for one or two place settings plus centerpiece. Paper plates are acceptable. The display cards should be approximately 4"x 6". Print the class name and complete menu on one, the recipe on another.

Display will be set up independent of adults. Members will be asked two or three questions concerning the preparation, the menu, or their choice of table service. Dress should be appropriate for category. Be set up and ready for judging by announced starting time.

Junior division (ages 8-11)

- *K007931 Birthday Party
- *K007932 Holiday or Special Occasion
- *K007933 BBQ or Picnic
- *K007934 Country Setting
- *K007935 Buffet setting
- *K007936 Breakfast Tray
- *K007937 Other

Senior division (12 & over)

- *K007911 Birthday Party
- *K007912 Holiday/Special Occasion
- *K007913 BBQ or Picnic
- *K007914 Country Setting
- *K007915 Buffet setting
- *K007916 Breakfast Tray
- *K007917 Other

CK007920 **Clover Kid** Table setting of choice. No menu or food needed at this level.

DIVISION 500 - CULINARY CHALLENGE CONTEST

This Contest is available to advance to the State Fair. Teams can be built with interested 4-Hers that have participated in the local Favorite Foods Show or County Culinary Challenge Contest. The contest will require youth to demonstrate healthy decision making through nutrition, food preparation, menu planning and food safety, utilizing a foods and nutrition curriculum. They will apply healthy living knowledge and skills by planning a nutritious menu, demonstrating their understanding of time management skills in the kitchen, and expressing their originality and creativity through an appropriate themed and properly set table. To showcase these skills, youth will create a menu, prepare one food item, and choose an appropriate theme for their occasion while expressing their food, nutrition, and food safety knowledge during a live interview as well as a multi-media presentation vial computer or tablet.

K500097 Intermediate Team (ages 10-13)

K500098 Senior Team (ages 14-18)

Challenge Ingredient/Item:

A challenge ingredient will be selected each year, highlighting a Nebraska commodity food product. **The 2020 challenge ingredient is popcorn.**

Please keep food safety in mind when selecting the recipe used for the Challenge. Foods must be able to kept chilled during transport to the contest, then be able to be re-heated in a slow cooker or microwave. Each team must incorporate the challenge ingredient into their food item they will be presenting during the contest. This may require altering a recipe or creatively incorporating and item into their overall table theme. The challenge ingredient must also be included in the interview presentation, demonstrating youth knowledge of the ingredient, such as nutritional value, a farm-to-fork concept, or how to adapt a recipe to include the ingredient.

MISC. SECTION

CLAY COUNTY ONLY

This Misc. section for exhibiting is available to **ALL 4-H'ers** that wish to make entries here. Project enrollment is NOT required for these entries. This section allows entries in a variety of areas.

Premiums for Department K –

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

DIVISION 931 - COUNTY SPONSORED WORKSHOP

Standard Premium \$2.00 and Workshop participation ribbon

*K931931 **Items Made in County Sponsored Workshop(s)** May enter one item from each workshop attended.

*K931932 **Items Made in Club Group Workshop(s).** May enter one item from each club workshop. Provide an explanation of the project such as how it was made and what materials were used.

*** DIVISION 932 - PUBLICITY**

*K932931 **Secretary's Book** - complete Secretary book 4-HF86 or computer designed book of club minutes.

*K932932 **News Items** (club news reporters only.) Three or more club news items pasted on 14"x 22" posterboard. Clippings must show the club name, name and date of the paper in which they appeared.

*K932933 **Club Scrapbook** – show yearly events or special club project.

*** DIVISION 933 – JR. LEADERSHIP**

*K933931 **Visual Aid** or other device member has made and used to demonstrate, teach or assist younger members in learning. Include a 5" x 7" card with information on how the aid was used.

*** DIVISION 934 – CWF (Citizen Washington Focus)**

*K934931 **Scrapbook Single Page**

*K934932 **Scrapbook** of Trip, highlighting points of interest

*K934933 **DVD** of the trip

*K934934 **Promotion Poster** for the trip

*** DIVISION 935- SCRAPBOOKING**

This area can be utilized by all 4-H'ers that wants to share their scrapbooking ideas, creativity and skills. Use your own scrapbooking style.

*K935931 **Single page entry** – your choice

*K935932 **Album entry** – your choice

*K935933 **Single page entry – 4-H related**

*K935934 **Album entry – 4-H related**

*** DIVISION 936 – PINTEREST**

****This area can be utilized by all 4-H'ers wanting to show a project from an idea learned from pinterest.web site.**

***K936931 Item made from idea gained from Pinterest website.** Include picture from the site where the idea was learned.

***K936932 Picture poster** showing how you developed an idea from Pinterest website that is not able to display at fair. (Ex. Storage for closet). Show the Pinterest idea and how you developed your project.

***DIVISION 937 – ZENTANGLE**

This area can be utilized by those who participated in a Zentangle workshop or have learned this art form and want to display.

***K937901 Design on Wall hanging** (paper, fabric, other)

***K937902 Sampler display** – can be an album or collage

***K937903 Design on a wearable article**

***K937904 Design on an article for decor**

DIVISION 200 – FAMILY ACTIVITY DISPLAY

- All 4-H'ers are eligible for this entry.

C200009 Family Involvement Entry – refer to Human Development section (pg 55)

***DIVISION 938 – SCHOOL PROJECTS – NEW AREA**

***B938901** Item made as a school project that does not follow 4-H curriculum guidelines for exhibiting in project area. Include written information about how the project was made. Will be judged on workmanship and creativity.

*** DIVISION 939 – BOOTHS** *(county only entry)*

Purple - \$12.00 Blue - \$10.00 Red - \$8.00 White - \$6.00

The size of the booth will be approximately 4' x 4'. Each booth shall have a theme or specific idea and teach something to the person who views it. **** Pre-enter the booth.**

***B939910 Theme that promotes a focus on world understanding** – club entry

***B939911 Theme that promotes 4-H** – club entry

***B939912 Other themes** – club entry

***B939913 Theme that promotes a focus on world understanding** – individual

***B939914 Theme that promotes 4-H** – individual entry

***B939915 Other themes** – individual entry

***DIVISION 940 - POSTERS**

** (Entry is open to all 4-H members and is a county only activity)*

The purpose of a poster is to call attention to a subject. Posters must be crafted to catch the viewer's attention quickly and present only one specific message clearly. The poster should clearly feature some aspect of 4-H. Judging criteria:

Idea: simple clear message, appropriate for a poster.

Lettering: readable from a distance, appropriate size in proportion to art.

Art: one dominant, eye-catching element: art relates to written message.

Arrangement: makes good use of entire poster space without being too crowded: art and lettering are well balanced.

Color: use of bold colors that harmonize well: colors used are legible.

Quality of Construction: neatness: appropriateness of materials used.

Effectiveness: works well as a poster.

Posters must be 14" x 22" and must be of a material that can be pinned to a display board.

They may be arranged either horizontally or vertically. Those generated by computer must also meet this standard. Computer art generated on an 8 1/2 x 11" sheet of paper and pasted on poster board will be disqualified.

Posters may be in any medium ... watercolor, ink, crayon, markers or computer graphics.

They may not be 3-dimensional. Entries with components thicker than paper (such as milk cartons, Pencils, pop cans) will be disqualified.

Posters may not use copyrighted materials, such as cartoon characters or commercial product names, logos, or slogans. Avoid using clichés or over-use phrases that do not command the viewer's attention. When using the official 4-H Emblem, it must follow approved guidelines, which can be viewed at http://www.national4-headquarters.gov/emblem/4h_name.htm. Computer clip art will not be scored as positively as original computer art designs. Posters may be laminated to protect them.

- *B940931 **Exploring Careers with 4-H** – Illustrate how 4-Hers can explore career opportunities through 4-H projects.
- *B940932 **Photo Poster**, Focus on a 4-H theme of your choice, using one large, eye-catching photo.
- *B940933 **Keeping it Green...Keeping it Healthy** – Illustrate how 4-H encourages healthy lifestyles for youth and their families.
- *B940934 **Clay County Annual Theme** – **"It's a Family Tradition"**
- *B940935 **Favorite Project** – showing what makes this a "favorite"
- *B940936 **Club Poster** – club entry, made by 2 or more members – any topic
- *B940937 **Educational Poster Project** – show what was learned

DIVISION 160 – THEATER ARTS – *county only exhibits*

4-H'ers may also compete in the Performing Arts Contest – B155935

- *B160931 **Theater Arts Poster** – 14" x 22"
- *B160932 **Costume** – made or decorated by a 4-H'er for use in a theater arts production. Costume could be for self or others.
- *B160933 **Puppet** – exhibits consist of a puppet made by the 4-H'er for use in theater arts productions.
- *B160934 **Scripts** – a script written by a 4-H'er for a play, musical skit, puppet show or other type of theater arts production.
- *B160935 **You Be the Teacher** – share what you learned in this project. Exhibit may be a poster, notebook, display audiotape or videotape.

*******new entry area – county only**

DIVISION 950 MODEL BUILDING –

This area is open to all 4-H'ers as an opportunity to display some building skills and creativity. Age division Junior 8 – 10 Senior 11 and up.

Rules:

Acceptable for Junior division snap together models or those made from Lego pieces.

Not Acceptable for Senior division - snap together models or those made from Lego pieces.

The models must be mounted on an appropriate size board for display. If project includes pieces that are collectables, provide some type of covering for your exhibit.

A report should be attached in a clear plastic cover that includes model plans, highlight any modification and describes what the exhibitor learned while completing the project.

Junior Division classes:

*K950901 **Model Car** – built following the Model Building Project Guidelines. Model kits are acceptable but must require assembly.

*K950902 **Other Model** – other model built such as airplane, boat, bridges, etc. built following the Model Building Project guidelines. Model kits are acceptable but must require assembly.

Senior Division classes:

*K950903 **Model Car** – built following the Model Building Project Guidelines. Model kits are acceptable but must require assembly.

*K950904 **Other Model** – other model built such as airplane, boat, bridges, etc. built following the Model Building Project guidelines. Model kits are acceptable but must require assembly.

*K950905 **Model of choice** – NOT built from a kit. (Ex. Farm display, doll house...)

LIVESTOCK SECTION

Check out this website for additional information: <http://4h.unl.edu/resourceanimalcare>

GENERAL ANIMAL WELFARE PLAN

1. **Animal Care** - This is the highest priority need and should be maintained all year long, not just at and before county fair time. Proper care including fresh water, a well-balanced diet, protection from the environment and a good health program will ensure that an animal will be ready at fair.
2. **Fair Time** - Good herdsmanhip and animal care is the key here. Well groomed and cared for animals are healthier and show better thus resulting in higher placing for the 4-Her.

CONFRONTATION WITH AN ANIMAL RIGHTS GROUP

1. Remain calm and collected. NEVER get into a shouting match or argument with any activist. Always state facts.
2. 4-H-er's should contact their leaders or livestock superintendent immediately upon being confronted. The 4-Her should not try to deal with these people.
3. The primary responsibility of leaders and superintendents is to maintain the safety and well-being of the 4-Her's. Animal rights activist can only use verbal and/or signs to demonstrate with. They may not use physical contact. Any attempt to free or handle an animal is against the law. If this is done, make sure that this act or acts are witnessed.
4. If a confrontation has occurred, and a leader or superintendent has maintained control of the area, the leader and or superintendent should contact the designated contact person (in Clay County this will be the Ag Extension Educator) and they will take the appropriate action.
5. **Remember, keep calm at all times. These people fuel themselves on shouting matches. Ignoring them is the best solution.**

LIVESTOCK AUCTION

General Rules:

1. All animals will sell to the highest bidder.
2. Only market animals **shown** at the Clay County Fair will be allowed to sell in the auction.
3. Choice to sell any animal, including Champion/Res Champion, is the decision of 4-H'er.
4. A consignment fee of 5% of the "bonus portion" of the sale of each animal will be accessed. This money will be put into a separate account for use by the 4-H Council.
5. Each exhibitor will be allowed to sell a maximum of 2 units. Units shall consist of:
 - Beef - 1 market beef animal
 - Swine - A champion, reserve champion or pen (3,2 or 1 swine)
 - Sheep - A champion, reserve champion or pen (4,3,2 or 1 sheep)
 - Goats - A champion, reserve champion or pen (4,3,2 or 1 goat)

Sheep, Goat and Swine exhibitors will be able to sell one unit per species, unless they have a Grand Champion or Reserve Champion market animal, then they will be allowed to sell two units in that species. Other animals exhibited but not sold in the auction may be sold for base bid, with approval of the packer.

6. The order of sale: the specie selling first will be sold last the next year, on an annual rotational basis. **2020 sale order will be: sheep, meat goats, swine, and beef. All animals will be sold in a random order including the Grand Champion and Reserve Grand Champion.**
7. Official weights for the sale will be the weigh-in weight taken at check-in. No livestock will be weighed "WET". No exceptions!

8. Hogs will go directly to the base bidder (packer) or a limited number of hogs can be purchased for custom slaughter. Transportation is provided to the base bid packer plant.
9. Definitions - for the purpose of this sale the following definitions apply:
Base Bid - this is the bid offered by the packer buyer for that specie. The base bidder takes all "turn back" animals.
Bonus - amount bid during auction. This is a change in terminology only. It was formally referred to as premium.
Turn back - the buyer wishes for the 'base bidder' to take possession of the animal, and pay only the bonus.
Take home - the high bidder (buyer) takes possession of the animal and pays the 'base bid' plus the bonus.
10. **Market beef must weigh 1,000 pounds or more to sell in the auction.** For the auction, market beef shall consist of: Market Steers/Heifers, or Second Year Bucket Calves. Market Sheep must weigh 95 pounds or more to sell in the auction. Market Goats must weigh 55 pounds. Market swine must weigh 220 or more to sell in the auction.
11. The Clay County 4-H Auction committee has final decision on all matters.
12. **Once an animal is sold in the auction, it becomes ineligible for further 4-H, FFA, and all competition; for life of the animal, and the animal becomes the property of the buyer. (example: cannot compete in other county fairs, State Fair or Ak-Sar-Ben Livestock Show if it has been sold through the auction).**

4-H'ers/Consignors

When an exhibitor chooses to sell his/her market animal in the Clay County Livestock Auction they agree to accept certain responsibilities including:

1. Solicit buyers to promote the auction by contacting potential buyers prior to the sale.
2. Decision of market animal or animals to be sold. Notification of selection must be made to the livestock office, ONE HOUR after completion of the last livestock show. **NO EXCEPTIONS.**
3. **NEW REQUEST** - For purposes of working with livestock buyers to obtain top bids, you will be asked at weigh-in for your best intent of selling thru the auction or sending market livestock on the truck to the buyer. The earlier these livestock numbers are known, a better projection of numbers can be given to the buyer so the bid can be offered accordingly.
4. **The sale order will be by species, in random order, determined by random drawing. The sale program will be the official order of sale.**
5. Official 4-H dress code will be enforced during the livestock auction.
6. Feed & water your animal until the animal is released to the bidder. Have your animal cleaned-up and at the sale ring 10 minutes prior to the animal sale order. After they are sold, all animals will be sent to receiving/holding pens until released by the auction staff.
7. Follow all State and Federal laws regarding the use of drugs on their animals, and to follow all withdrawal regulations. It is against the law to use certain drugs in food animals. Any violation of these laws will be aggressively pursued by the Clay County Auction committee.
8. All 4-Hers and their families at the sale will be expected to conduct themselves in a professional, courteous manner. Your actions reflect on the entire Clay County 4-H program.
9. **4-H'ers are required to show their own animal thru the auction.**

GENERAL RULES FOR EXHIBITION

Only animals exhibited by their owners receive ribbons or prizes unless the owner is excused by the Superintendent.

All possible diligence and care will be used to prevent loss or injury to articles or animals on exhibit; but it is hereby expressly stipulated that the management of the fair will in no way be responsible should loss or injury occur.

All animals must be properly identified by June 15th with the Extension Office. The forms are available on the website or at the Extension Office. Please use the most current form.

County exhibitors must submit a paper copy of the ID sheet to the local Ext. office. Paper copies are available at the office or online at 4h.unl.edu

Breeding Beef	Market Beef	Bucket Calf	Feeder Calf
Breeding Sheep	Market Lamb	Market Goat	Breeding Doe (goat)
Dairy Goat	Swine	Horse	Rabbit

All market beef animals are required to have an official EID, 4-H or FFA ear tag. Breeding beef must have a Tattoo and provide a copy of registration papers with the ID sheets. Sheep and Meat Goats need a Scrapies tag. Swine must have notch number for both ears (universal system). Rabbits are to have a permanent ID number or name in their ear. Ear Tags are available at the Extension Office and must be in place by **June 15th** for sheep, goat and beef projects.

Exhibitors not meeting these requirements will be dropped one ribbon placing in the live show and the animal(s) will not be eligible for Champion or Reserve Champion.

HOW MANY ENTRIES?

Only one entry per person per class number may be made (unless specified differently) in areas *except* in livestock, dairy, poultry, and rabbits. A member is eligible to exhibit:

four breeding beef within the following combinations: two breeding heifers, two cow-calf pair, one cow (not same animal as shown in other class), two feeder calves, two market steers and two market heifers.

one first year bucket calf

one second year bucket calf

two dairy goats per class,

two gilts and three individual market hogs,

two breeding sheep per class and four market or feeder lambs,

two breeding meat goats per class and 4 market meat goats,

ten poultry – 2 per class

ten rabbits - 2 per class

two dogs

No individual animal may be shown in both breeding and market classes.

Exhibitors are responsible for showing their own animal. If an exhibitor has two animals are in the same class, another 4-H'er can help show.

OPEN CLASS: One registered **4-H** animal per species may be shown in Open Class. Obtain an Open Class Premium List for complete guidelines.

OFFICIAL 4-H DRESS CODE: Participants in livestock, dairy, small animal, cat and dog shows are required to wear a white shirt (or blouse) with the official 4-H chevron

attached or a white or green 4-H T-shirt. Dark blue denim jeans are to be worn. Dairy exhibitors only may wear white pants. Participants in music and presentation contest are also asked to wear a chevron patch or prominent 4-H identification. Participants in horse will wear a white, (long sleeve preferred) shirt with a 4-H arm band worn above the elbow on the left arm. 4-H members or FFA Chapters, may wear an official FFA T-shirt in place of the white 4-H shirt. State Fair or Ak-Sar-Ben shirts will not be allowed for shows. Violators will not be allowed to show. **Cell phones must be turned off when in show ring.**

YQCA – Youth for the Quality Care of Animals training– (formally called Quality Assurance) is required for all meat animal species exhibitors. This includes: (beef, sheep, swine, goat, dairy goat, poultry and rabbit). Training must be completed by June 15 for showing at county, state or Ak-Sar-Ben shows. YQCA training is now available as an online course at: yqca.learnrow.io. Registration fee is \$12. In person trainings are available and require an online registration and \$3 fee. Print and submit Certificates to the office upon completion. Options to test out **online** are available for Intermediate and Senior ages. Ages: Jr 8-11; Int. 12-14, Sr 15 & over.

HOME BRED AND FED CLASSES have been added in the market areas for beef, swine, sheep and meat goat. Home Bred and Fed is defined as a market animal that was raised on the home farm from time of conception through finishing phase. The parent/exhibitor must own the mother of the animal at time of conception and the offspring must be raised by the 4-H member at their facility. An exhibitor is allowed one animal per species for this class. The animal must be designated for the Bred and Fed class at the time of weigh-in. The animal will show in the Bred and Fed class only. The Champion and Reserve Champion Bred and Fed class will be eligible for the Grand Champion Market animal award.

LIVESTOCK HEALTH REQUIREMENTS

****See each animal area for specific animal health regulations.**

All animals exhibited will be healthy and free of any known disease. Any animal found to be infected with any infectious, contagious, or otherwise transmissible disease, or is suspected of being so affected shall be removed from the fairgrounds immediately. Ring worm and pink eye shall be considered to be infectious, contagious and otherwise transmissible if in the opinion of the veterinarian, Extension personnel, Superintendent and/or fairboard such infection, contagion or disease is an active disease entity.

Exhibitors of market animals will be required to fill out and turn in a disclosure affidavit. All meat and dairy species exhibitors are required to attend a **YQCA** training annually or receive certification by passing a test to be eligible to show at the county, state or Ak-Sar-Ben shows.

All rams and female sheep and female goats exhibited must have an official USDA identification eartag registered with the State Veterinarians for the Scrapie Eradication Program. This applies to both market and breeding sheep.

Cats are required to be current on their vaccinations of Rabies, distemper shots, panleucopenia, rhino tracheitis, calici virus. Cats must be current with feline leukemia vaccination or show proof of negative test within 180 days of show.

Dogs must be immunized with Distemper, Hepatitis, parvo and rabies and accompanied by a health certificate.

ROUND ROBIN SHOWMANSHIP CONTEST

A **Round Robin Showmanship Contest** will be held for the top Champion and Reserve Champion in the Senior Division from **Beef, Sheep, Meat Goat, Swine, and Horse Showmanship classes**.

The third ranked showman (if a purple ribbon winner) will serve as an alternate **if** either the 1st or 2nd ranked showman has already won Round Robin, if the 4H'er has won showmanship in two areas, or 4-H'er is unable to compete.

Those who have won Round Robin are not eligible to compete in Round Robin contest but **are** eligible to compete in showmanship.

The contest will consist of a **written test** prior to the live contest. The written test will include questions from all 5 species. The live portion will consist of each contestant rotating from station to station "showing" each of the 5 species. The test will be administered to all, Saturday morning at 9 a.m. in the meeting room in the Activities Building.

Each candidate will be awarded a medal for participation in the contest. The winner will be the participant that has the highest score. The winner may select an item of his/her choice, have it personalized (engraved or embroidered) and submit the bill for reimbursement. The reimbursement will be up to \$85.

BEEF FITTING CONTEST

BEEF FITTING CONTEST RULES:

- Names will be drawn composing teams and they will be posted in a timely fashion.
- The Beef Fitting Contest will be Saturday at 11 a.m. during the Clay County Fair.
- Teams will be made up of 2-3 Clay County 4-H members. Youth must be enrolled in the beef project.
- No age divisions.
- All animals start wet and must be finished in 30 minute time frame.
- The animal must be provided by the team, being an eligible entry at the Clay Co. Fair.
- All grooming tools must be provided by the team. This includes grooming chutes, combs, brushes, blowers, extension cord, grooming foams, mousse and sprays and fly spray. (NO CLIPPERS, ADHESIVES OR PAINTS ALLOWED!)
- Contestants may not receive help or advice from anyone during the contest. They cannot have any communication with anyone except the judges or their team members during the contest.
- Judging may be done by volunteer judges selected by the 4-H Council.
- Judges may question contestants regarding their knowledge, abilities, procedures, etc.
- Teams will be scored on safety (20 points), use of time (20 points), team work and participation by each team member (40 points) and technique (20 points).
- Individuals have until 2:00 on Wednesday of the fair to get registered. Names will be drawn and team assignments will be posted. Prizes will be awarded to the top two teams. There will not be ribbons or premium money given for this contest.

SHOWMANSHIP CONTESTS:

Only Clay County 4-H exhibitors, parents, siblings and 4-H leaders will be permitted to assist in any phase of grooming of livestock at the clay county fair. 4-H exhibitors may help each other in grooming including clipping, trimming and/or blocking. Assistance by anyone else automatically disqualifies the exhibitor from all classes in that species. Please notify the superintendent, 4-H educator or a member of the 4-H council livestock committee, of violations to this rule.

All livestock Showmanship entries must be made on the pre-entry sheet prior to fair. Entry numbers for showmanship classes are included in each specie DIVISION. Each competitor must show his own animal in Showmanship.

Showmanship for large animals will be divided into 3 age divisions as follows:

Junior Showmanship	8 to 11			
Intermediate Showmanship	12, 13, 14			
Senior Showmanship	15 & Over			
Premiums - Purple - \$6.00	Blue - \$4.00	Red - \$2.00	White - \$0.00	

Showmanship for Cat, Dogs, Small Animal, Poultry, Rabbits exhibitors age divisions:

Junior Showmanship	8 to 11			
Intermediate Showmanship	12, 13, 14			
Senior Showmanship	15 & Over			
Premiums - Purple - \$3.00	Blue - \$2.00	Red - \$1.00	White - \$0.00	

DIVISION 10 - BEEF SHOWMANSHIP

Purple -\$6.00 Blue -\$4.00 Red -\$2.00 White - \$ 0.00

- Z010001 Senior Beef Showmanship (15 & over)
- Z010002 Intermediate Beef Showmanship (12, 13, 14)
- Z010003 Junior Beef Showmanship (8-11)

DIVISION 12 - 22 - BREEDING BEEF

Purple - \$12.00 Blue - \$10.00 Red - \$8.00 White - \$6.00

Guidelines:

- * The show order will be for each breed to show heifer, cow and cow/calf pair followed by the presentation of the breed plaque before advancing to the next breed division.
- * **Breed class must have two or more entries to show as a single breed.** Breeds with less than 2 in a class will show in an AOB class (All Other Breeds). This will be determined at fair, when class numbers are known.
- * Heifers showing in breed class **must** have registration papers and readable tattoo. Registration papers are not required for Commercial heifers.
- * **Submit a copy of the breed papers and completed ID sheets (due by June 15).**
 - * 4-H'er with two entries of same breed can option to put one in a breed class and one in Commercial class. This must be done at pre-entry time (June 15) and not at fair check-in. **No Exceptions on this rule!**
- * At the end of the breed class, a breed champion will be picked and an award plaque will be presented if sponsorship allows.

* The final class will be to pick overall grand champion and reserve grand champion heifer (top heifers from each breed). A trophy will be awarded for the champion and reserve champion.

Awards: BREED SPONSORED PLAQUES - Additional sponsors have been obtained to support the breeding beef program. These sponsors have agreed to provide a plaque to the Champion breeding beef female in each breed division. The Breed Beef plaques will be awarded after all classes in each division are complete.

Entry: [An example of how to pre-enter would be Z-012-001 which translates: Department Z Animals - DIVISION 012, Angus - Class 001, Breeding Heifer - born during 2018]

DIVISION numbers (12-24) by Breed of animal:

- 012 - Angus
- 013 - Charolais
- 014 - Chianina
- 015 - Commercial
- 016 - Gelbvieh
- 017 - Hereford/Polled Hereford
- 018 - Limousin
- 019 - Maine Anjou
- 021 - Shorthorn
- 022 - Simmental
- 023 - Red Angus
- 024 - All Other Breeds class (determined according to numbers filling breed classes)

Classes by ages of animal:

- 001 **Breeding Heifer** - born during 2019
- 003 **Cows over two years** that have freshened - Born before 2019 (Cows shown in Class 3 are NOT eligible to show in Class 43)
- 043 **Cow-calf pair** where the calf may be steer, heifer or bull - Born between Jan. 1, and May 31 of current year
- 044 **Fall Born Heifer** –Senior Yearling Heifer (Aug–Sept) bred/not calved prior to show

DIVISION 27 - JUNIOR BEEF HERD

Exhibitors in the Junior Beef Herd Class purebred and commercial will enter three animals. The combination will be a cow, her calf, and a heifer. The exhibitor must request, fill out and present a one-page record book for production and progeny records. This will be judged as a part of the Junior Beef Herd Project.

The object of this class is to provide a nucleus with which the advanced 4-H club member may build a herd of breeding cattle. No individual may show more than 2 beef breeding heifers. The judge will make placing according to individual merits of the animal if there is no competition. Ribbons will be awarded to breed champions. Calves from the cow-calf pair may also be in the feeder calf show. These calves must stay at the fairgrounds.

Classes:

- Z027010 **Purebred Beef Herd**
- Z027011 **Commercial Beef Herd**

DIVISION 11 - MARKET BEEF

Purple - \$12.00

Blue - \$10.00

Red - \$8.00

White - \$6.00

The South Central Cattlemen's Association will sponsor an award to the owner of the Grand Champion Market Beef at 4-H Achievement Night.

A trophy will be presented to highest Rate-of-Gain Market Beef during the fair. This will be determined on rate-of-gain only. Steers must have an ADG of 2.2 and heifers a 2.0 ADG to receive a purple in the rate of gain contest. The beginning weights for this contest will all be done on an approved scale. A designated weigh-in date will be announced and all weights must be *completed* within 2 weeks of the county date. All market steers and market heifers, must be weighed. If Second year bucket calves choose to weigh-in at county weigh-in, they will be eligible for ROG also.

All market beef will be shown with Rate-of-Gain information in the show program and will be used by the Judge in placing the classes. Champion and Reserve Champion steers must have gained a minimum of 2.2 pounds per day. Champion and Reserve Champion market heifers must have gained a minimum of 2.0 pounds per day.

All market beef must be owned by the member making the entry. Individuals may show two market steers, and two market heifers. Bucket Calf 2 project, if shown as a second year bucket calf instead of market, is not eligible for Championship Market Beef. Market animals failing to meet the above requirements will be removed from the show. Market beef animals will be divided into classes according to weight/sex.

Z011001 **Market Steers**

Z011002 **Market Heifers**

Z011003 **Bred and Fed (market heifers or steers)**

Z011004 **Rate-of-Gain Contest (ROG)** (trophy- no additional premiums)

DIVISION 25 - CLUB GROUPS

Purple - \$12.00

Blue - \$10.00

Red - \$8.00

White - \$6.00

Z025001 **Club Group of three Market Beef**, steers and/or heifers. Each club is eligible to enter one group. The animals must have been exhibited by two or more exhibitors. A Feeder Calf cannot be shown in a Market Club Group.

Z025002 **Club Group of three Stocker Feeder Calves** shown by two or more exhibitors.

Z025003 **Club Group of 3 Breeding Beef Heifers** - Each club is eligible to enter one group of 3 breeding heifers. The animals must have been exhibited by two or more exhibitors.

DIVISION 26 - STOCKER FEEDER CALVES

Purple - \$12.00 Blue - \$10.00 Red - \$8.00 White - \$6.00

This class shall consist of feeder calves born between January 1 and May 31 of current year. Calves must be ear tagged (with official Nebraska 4-H beef tags), identified on form 4H F110 and recorded at the Extension Office by June 15 of the current year.

Z026001 Stocker Feeder Calf – The calf may be a steer, heifer **or** bull. May be brought and taken home the day of the show. If shown as part of cow/calf pair, they must remain at fairgrounds

DIVISION 28 - BUCKET CALVES

Purple - \$12.00 Blue - \$10.00 Red - \$8.00 White - \$6.00

Bucket calves must be born between January 1 and May 31 of current year. **A bucket calf is defined as being off the cow from birth or by 1 week of age.** Calves must be ear tagged (with official Nebraska 4-H beef tags), identified on form 4H F110 and recorded at the Extension Office by June 15 of the current year. First year calves may be a steer, heifer or bull - either beef or dairy. Second year calves may be steer or heifer (no bulls). First year 4-H members must start with a Bucket Calf 1 project before advancing to Bucket Calf 2. **Bucket calves must stay on the grounds during the fair for 4-H members and Clover Kids.**

Age division for Bucket Calf exhibitors:

Junior Division (12 and younger)

Senior Division (13 and older).

Z 028 001 Bucket Calf I - Junior division

Z 028 002 Bucket Calf I - Senior division

Z 028 011 Bucket Calf - Clover Kids (ages 5,6,7)

A Second year Bucket Calf has the options to show as: 1) Second Year Bucket Calf, 2) Market Beef, **or** 3) Breeding Beef classes. 4-H members, who have kept and cared for their First Year Bucket calf from the previous year, can show their animal as a Second Year Bucket calf **OR** it may be entered in the appropriate market or breeding beef class. If the calf is shown as a Second Year Bucket calf, the animal cannot be entered in a Market or Breeding beef class. If Second year bucket calves choose to weigh-in at county weigh-in, they will be eligible for ROG also.

Z 028 003 Second Year Bucket Calf - Jr division

Z 028 004 Second Year Bucket Calf - Sr division

Bucket calf record books must be completed and turned into the Superintendent by 11 am on check-in day. Bucket calf projects will be evaluated on the following:

1st year Bucket Calf:

completed record (<i>Clay County book</i>)	40%
knowledge by interview	40%
health, quality & condition of calf	10%
evidence of training	10%

2nd Year Bucket Calf;

completed record (<i>Clay County book</i>)	25%
knowledge by interview	25%
health, quality & condition of calf	25%
Evidence of training	25%

Bucket Calf Interviews:

The Bucket Calf Show has been structured to provide a better learning opportunity for youth. Check-in calf and set up interview time Wednesday between 8 - 10 am. Record books will be due by 11:00 am. Times for interviews with the judge will be posted at fair. The live show will be Thursday evening. 4-H attire will be required for interviews and bucket calf show. 4-H'ers with Bucket calves can compete for showmanship during the beef show.

DIVISION 30 - SHEEP SHOWMANSHIP

Purple - \$6.00 Blue \$4.00 Red - \$2.00 White \$0.00

- Z030001 Senior Sheep Showmanship (15 & over)
- Z030002 Intermediate Sheep Showmanship (12,13,14)
- Z030003 Junior Sheep Showmanship (8-11)
- Z030011 Clover Kid lamb project (ages 5,6,7)

DIVISION 31 - SHEEP

Purple - \$6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00

Each exhibitor is limited to two breeding animals per class and four market lambs. No animal may be shown in both breeding and market classes.

Identification of sheep: Breeding sheep for can be registered or commercial stock. All sheep, Breeding or Market will be identified with USDA **Scrapie Tags**. If planning to exhibit at State Fair or AkSarBen, DNA samples are also required. Scrapie tag numbers should be recorded on the Animal ID sheet submitted by June 15.

BREEDING SHEEP

- Z031001 **Aged Ewes** - 2 years and over
- Z031002 **Yearling Ewe** (born in 2019)
- Z031003 **Fall Ewe Lamb** born September 1 - December 31, 2019 (traditional out of season breed)
- Z031004 **Spring Ewe Lamb** (born in 2020)
- Z031005 **Yearling Ram** (born in 2019)
- Z031006 **Fall Ram Lamb** born September 1 - December 31, 2019 (traditional out of season breed)
- Z031007 **Spring Ram Lamb** (born in 2020)
- Z031008 **Breeders Flock** - each exhibitor must show one ram (either spring or fall class) and two breeding females (from yearling ewe or breeding ewe lamb classes). One of the offspring must be bred and produced by exhibitor. The exhibitor must request, fill out and present a one-page record book for production and progeny records. This will be judged as a part of the junior breeders flock project.
- Z031015 **Club Group Breeding**- Each club can enter one Breeding Club Group. The group will consist of five Breeding ewes, exhibited by two or more exhibitors from the same club.

MARKET SHEEP

- Z031009 **Feeder Lamb** (less than 95 pounds)
- Z031010 **Market Lamb** (95 pounds and over)
- Z031011 **Bred and Fed Market Sheep** (refer to General Rules for Exhibition)

Z031012 **Pen of 3 Market Lambs** owned by club member or club members of one family - only lambs shown in market lamb class can be shown as pen of three.

Z031013 **Sheep Carcass Contest** An exhibitor may enter 1 or more market lambs which will be scanned with an ultrasound. The Ak-Sar-Ben formula will be used to rank the data. Lambs must weigh at least 110 pounds to be eligible for the Carcass Contest. A scanning fee will be charged.

Z031014 **Club Group Market** - Each club can enter one Market Club Group. The group is to consist of **five** market lambs, exhibited by two or more exhibitors from the same club.

An award will be given at Achievement Program to the owner of the Grand Champion Market Sheep.

DIVISION 55 - MEAT GOAT SHOWMANSHIP

Purple - \$6.00 Blue - \$4.00 Red - \$2.00 White \$ 0.00

Z055001 Senior Meat Goat Showmanship (15 & over)

Z055002 Intermediate Meat Goat Showmanship (12,13, 14)

Z055003 Junior Meat Goat Showmanship (8-11)

Z055011 Clover Kids (ages 5,6,7)

Z055012 Best Dressed Meat Goat – market or breeding – dress your goat in a fun costume of your choice

Rules:

Dairy or pygmy goat is not recognized as a meat type goat. Boer goats, Spanish goats & goat crosses exhibiting meat characteristics are the only goats that will be shown in the meat classes.

- All Male Market Meat Goats will have blunted horns.
- There shall be no male intact meat goats at the Fair.
- Goats under 55 pounds in the meat classes are not eligible for sale at the Livestock Auction.
- Meat goats will be identified with Scrapie Tags
- An award will be given at Achievement Program to the owner of the Grand Champion Market

DIVISION 56 - MARKET MEAT GOAT

Purple - \$6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00

Z056001 **Market Meat Goat (weight 55 lbs. and over)**

Z056002 **Market Meat Goat Feeder Class (less than 55 lbs)**

Z056003 **Pen of 3 Market Goats**

Z056004 **Bred and Fed Market Meat Goat** (refer to General Rules for Exhibition)

Z056005 **Club Group Market**- Each club can enter one Market Club Group. The group is to consist of **three** market goats, exhibited by two or more exhibitors from the same club.

Z056006 **Carcass Contest** (if able to scan)

DIVISION 57 - BREEDING MEAT GOAT

Purple - \$6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00

Z057001 **Breeding Doe Kid** (under 12 months)

Z057002 **Yearling Doe** (1 - 2 years old)

Z057003 **Aged Doe** (2 years and older)

Z057004 **Breeders Herd** – 3 females representing at least 2 classes

Z057005 Club Group Breeding- Each club can enter one Breeding Club Group. The group is to consist of **three** breeding goats, exhibited by two or more exhibitors from the same club.

DAIRY GOAT

DIVISION 50 - DAIRY GOAT SHOWMANSHIP

Purple -\$6.00 Blue -\$4.00 Red -\$2.00 White - \$ 0.00

- Z050010 Senior Dairy Goat Showmanship (15 & over)
- Z050020 Intermediate Dairy Goat Showmanship (12,13,14)
- Z050030 Junior Dairy Goat Showmanship (8-11)
- Z050011 Clover Kid project (ages 5,6,7)
- Z050050 Best Dressed Goat

DIVISION 51 - DAIRY GOATS

Purple - \$6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00

Dairy goat exhibitors are limited to 2 animals per class.

- Z051001 **Under 5 months** (from show date)
- Z051002 **5 months to 8 months**
- Z051003 **8 months to 1 year**
- Z051004 **1 year to 2 year**, non-milking
- Z051005 **Under 2 years**, Milking
- Z051006 **2 years**, Milking
- Z051007 **3 year** Milking
- Z051008 **4 years and over**, Milking
- Z051009 **Junior Herd** - 3 goats, one must be bred by exhibitor & one must be in milk
- Z051010 **Mother/Daughter**

DIVISION 35 - SWINE SHOWMANSHIP

Purple - \$6.00 Blue - \$4.00 Red - \$2.00 White \$ 0.00

- Z035001 Senior Swine Showmanship (15 & over)
- Z035002 Intermediate Swine Showmanship (12, 13, 14)
- Z035003 Junior Swine Showmanship (8-11)
- Z035011 Clover Kids (ages 5,6,7)

DIVISION 36 - SWINE

Purple - \$6.00 Blue - \$5.00 Red - \$4.00 White - \$3.00

- Z036001 **Breeding Gilt**
- Z036002 **Market Hog**
- Z036003 **Bred and Fed Market Hog** - (refer to General Rules for Exhibition)
- Z036004 **Pen of three markets** (may be individual exhibitor or family unit)
- Z036005 **Club Group Market** Each club can enter one **Market Club Group**. The group is to consist of three market hogs, exhibited by at least two individuals, a combination of family members, or members of the club.
- Z036006 **Club Group Breeding** Each club may enter one **Breeding Club Group**. The group is to consist of 3 breeding hogs, exhibited by at least two individuals, a combination of family members, or members of the club.

Swine Carcass Contest - All market hogs will be scanned with an ultrasound and entered in the contest. The SPF Formula will be used to rank the carcass data. Hogs must weigh at least 230 to be eligible.

Breeding pigs farrowed on or after January 1 of this year are eligible in breeding entries.

Market Swine, either fat gilt or barrow, must be farrowed on or after January 1.

All pigs exhibited at fair must be identified (form 4H F107) and ear notched by **June 15**.

A club member is limited to exhibiting two breeding gilts and three individual market hogs.

No individual hog may be shown in both breeding and market classes. Market Hogs should weigh at least **220 pounds** with no upper weight limit. Pigs can only be shown in the class they register for on entry day.

An exhibitor has the option to advance a hog to the next higher weight class to eliminate showing two in the same weight class. This would need to be determined at weigh-in. Market gilts and barrows will be shown in separate classes. A medal will be awarded to the Champion gilt and Champion barrow and they will be eligible for grand champion market swine. An award will be given at Achievement Program to the owner of the Grand Champion Market Swine.

Grooming Rules - Pigs must be shown without hairdressing compounds. This includes oil, powder or any other coat dressing compounds considered objectionable by the packer. Only **unadulterated** water is permitted. Pigs found in violation will be disqualified from the show.

LIGHT HORSE

For the safety of all persons attending the fair, horses may be ridden only in the arena. Horses can be led north of the barns only. They are not allowed south of the barns in the parking area or east of the barns, or south of the grandstand. Saddle horses outside, not in barn alley.

NOTE: Only exhibitors are allowed to ride horses the day of the show. This includes warming them up or settling them down. Adults should not be on the horses at all.

Exhibitors will wear the 4-H arm band on the left arm while showing. Participants must wear white shirt or white blouse (long sleeves preferred) and dark blue denim jeans. Only western hats are allowed. **Helmets are encouraged for speed events.**

An exhibitor may enter five classes plus showmanship. An exhibit in this class must be a bona fide project animal and an ID sheet completed by June 15. **No animal may be entered or exhibited in any one event more than once.**

All members must meet project, ownership and identification requirements as identified on the required *Horse Identification Certificate*. NOTE: Complete the form by drawing markings, photos will not be accepted. The show will run according to the current 4-H show rules and regulations for the year. *NE 4-H Horse Show and Judging Guide* is available at the Extension Office for a fee. Only pre-entries made to the Extension office by the designated date will be allowed to compete in the 4-H Horse show at the county fair. No stallions may be shown. Only those horses listed on a 4-H Light Horse Identification Form and filed in the County Extension Office by June 15, of current year, are eligible for show.

All 4-H members are required to stall a horse during the fair (beginning after the horse show to dismissal time). The horse must be a bona fide, identified horse. Herdsmanship rules will apply following the show.

All 4-H horses must be **checked in by 10:00 a.m. the day of the show** and remain on the fairgrounds throughout the fair. Horses will be released at the conclusion of the Livestock Auction. Horses will be in stalls from 10 am - 4:30 pm, allowed to exercise in the arena from 4:30-6:00 pm. Horses must return to the barn for display between 6-9 pm. and can be removed again after 9 pm. When exercising in arena, a bridle and saddle must be used and appropriate shoes worn by rider. **Practice safety at all times.**

Youth under 4-H age of 8 will not be allowed to ride or show equine at the fair. This policy includes Clover Kids and Rainbow Classic Pet show participants.

DIVISION 60 - HORSE SHOWMANSHIP

Purple - \$6.00 Blue - \$4.00 Red - \$2.00 White - \$0.00

Z060001 Senior Horse Showmanship (15 & over)

Z060002 Intermediate Horse Showmanship (12,13,14)

Z060003 Junior Horse Showmanship (8-11)

DIVISION 61 – HORSE

Purple - \$12.00 Blue - \$10.00 Red - \$8.00 White - \$6.00

Horse Advancement Level I, will be required to have been successfully completed in order to compete at the Clay County Fair.

HALTER CLASSES -

Z061001 **Yearling filly** - must be 12 months by show date

Z061002 **2,3,& 4 year old filly**

Z061003 **5 year old mares & over**

Z061004 **Yearling gelding** - must be 12 months by show date

Z061005 **2,3,& 4 year old gelding**

Z061006 **5 year old gelding & over**

Champion Mare and Champion Gelding will be chosen from 1st place winners in classes 1 to 3 and 4 to 6. Reserve Champion Mare and Reserve Champion Gelding will be chosen from 2nd place winner in Champion's class and 1st place winners in other classes.

WALK-TROT CLASSES

Exhibitors age 11 and under **or** first year in Horse project. If entering one or both of the walk-trot classes they are the **only riding entries allowed**. Exhibitors will NOT be allowed to compete in Western Pleasure, English Hunter, Western Horsemanship, Western Riding, Trails, Reining, Pole Bending, Barrel Racing, or Trails).

Z061071 **Walk -Trot Pleasure class**

Z061072 **Walk -Trot Horsemanship class**

PERFORMANCE CLASSES -

- Z061008 **Western Pleasure Ponies** - 56" and under
- Z061009 **Western Pleasure Horses** - Over 56" - age 8 -11
- Z061010 **Western Pleasure Horses** - Over 56" - age 12 to 14 years
- Z061011 **Western Pleasure Horses** - Over 56" - age 15 and over
- Z061012 **Hunter Under Saddle** - all ages
- Z061013 **Hunter Seat Equitation** - all ages
- Z061014 **Western Horsemanship** - age 8 -11
- Z061015 **Western Horsemanship** - age 12, 13, 14
- Z061016 **Western Horsemanship** - age 15 and over
- Z061017 **Western Riding** - all ages
- Z061018 **Reining** - 14 years and under
- Z061019 **Reining** - 15 and older
- Z061020 **Pole Bending** – age 8-11
- Z061021 **Pole Bending** – age 12,13,14
- Z061022 **Pole Bending** – age 15 and over
- Z061023 **Barrel Racing** - age 8 - 11
- Z061024 **Barrel Racing** - age 12,13,14
- Z061025 **Barrel Racing** - age 15 and over
- Z061026 **Trails** – age 8 - 11
- Z061027 **Trails** - age 12,13,14
- Z061028 **Trails** - age 15 and over

Circle CTN Saddle Club will provide an award to the best overall trail participant. The winner will be determined by the highest percentage of possible points. In the event of a tie, the winner will be determined at the discretion of the judge.

SMALL ANIMAL GUIDELINES

YQCA – Youth for the Quality Care of Animals training is required for all meat animal species exhibitors. This includes: (beef, sheep, swine, goat, dairy goat, poultry and rabbit). Training must be completed by June 15 for showing at county, state or AkSarBen shows. YQCA training is now available as an online course at: yqca.learnrow.io. In person trainings are still available and can be utilized. Online registration and fee payment are required and a completion certificate must be turned into the office.

OFFICIAL 4-H DRESS CODE

Participants in livestock, dairy, small animal, cat and dog shows are required to wear a white shirt (or blouse) with the official 4-H chevron attached or a white 4-H T-shirt. Dark blue denim jeans are to be worn. Dairy exhibitors only, may wear white pants. Participants in music and presentation contest are also asked to wear a chevron patch or prominent 4-H identification. Participants in horse will wear a white, (long sleeve preferred) shirt with a 4-H arm band worn above the elbow on the left arm. 4-H members FFA Chapters may wear an official FFA T-shirt in place of the white 4-H shirt. State Fair or Ak-Sar-Ben shirts will not be allowed for shows. Violators will not be allowed to show. Cell phone must be turned off in the show arena.

SMALL ANIMALS - If you want your cages locked please bring padlocks. Exhibitors must supply own food and water equipment, which cannot turn over. All exhibitors in this area are responsible to keep the area clean at all times except during shows.

POULTRY INFORMATION - A 4-H member may exhibit a total of **10** poultry which may allow max **2 per class**. Poultry must be grown in club members' poultry project.

Breed and hatchery must be listed on the entry card for judging. Poultry may be banded when checked in at the fair

MINIMUM WEIGHTS -The minimum weights for exhibition birds will be as stated in the American Standard of Perfection and the Bantam Standard. The minimum weights for production birds will be 3 lbs. for females and 4 lbs. for males of light breeds and 4 lbs. for females and 5 lbs. for males of heavy breeds.

TRIO - A trio of exhibition birds shall consist of one male and two females of the same breed. Birds entered singly are not eligible to be judged as part of a trio. Birds entered in a trio are NOT eligible to be judged in individual competition.

PENS - A pen of broilers shall consist of three male or three female birds 6-9 weeks of age. These birds need to have been purchased from the designated hatchery. You will need to purchase a minimum of 15 chicks.

A pen of hybrids, crossbred or purebred egg production birds shall consist of 3 sexually mature females. Pens of broilers or egg production females will be judged for production qualities only and need not necessarily conform to breed standards.

RULES FOR BANTAM & OTHER POULTRY -The rules for standard size chickens apply equally to bantams, waterfowl and turkey where applicable.

HEALTH REQUIREMENTS - POULTRY - Health certificates are not required for poultry. No additional testing requirements for Nebraska origin poultry.

4-H MEMBERS MUST BE PRESENT AT THE TIME IF ENTRIES ARE JUDGED IN PENS.

RABBITS

YQCA certification training is required for all exhibitors in Poultry and Rabbit projects.

A 4-H member may make max two entries under each class number and can show a maximum of 10 rabbits. Rabbits must be grown in member's rabbit project. Rabbits, other than fryers, entering County and State Fair, must have permanent ID numbers or names in the ear. Rabbits used for showmanship must also be ID. Exhibitors - furnish own feed and water equipment which rabbit cannot turn over.

DIVISION 80 - SHOWMANSHIP - RABBITS

Purple - 3.00 Blue - 2.00 Red - 1.00 White - 1.00

Exhibitors must have completed YQCA training.

- Z080001 Senior Rabbit Showmanship (15 & over)
- Z080002 Intermediate Rabbit Showmanship (12,13,14)
- Z080003 Junior Rabbit Showmanship (8 - 11)
- Z080011 Clover Kid class (ages 5,6,7)

DIVISION 81 - MARKET CLASSES

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

- Z081001 **Small fryers** - under 4 lbs.
- Z081002 **Large fryers** - 4 lbs. - 5 lbs. max.
- Z081003 **Pen of 3 fryers**, owned by one club member

DIVISION 82 - BREEDING CLASSES

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

- Z082001 **Fancy, Jr Doe** 6 months and under
- Z082003 **Fancy, Sr. Doe** over 8 mos.
- Z082004 **Fancy, Doe and litter**
- Z082005 **Fancy Jr. Buck** under 6 mos.
- Z082007 **Fancy, Sr. Buck** over 8 mos.
- Z082008 **Commercial/crossbred, Jr. Doe** 6 months and under
- Z082009 **Commercial/crossbred, Int. Doe** 6 - 8 mos.
- Z082010 **Commercial/crossbred, Sr. Doe** over 8 mos.
- Z082011 **Commercial/crossbred, Doe and litter**
- Z082012 **Commercial/crossbred, Jr. Buck** under 6 mos.
- Z082013 **Commercial/crossbred, Int. Buck** 6 - 8 mos.
- Z082014 **Commercial/crossbred, Sr. Buck** over 8 mos.

Fancy class includes: Dutch, Mini-lops, Mini Rex, Rex, Mini Satin, Lion Head, Angora, Dwarf or Paper Rabbits - small & medium are fancy

Commercial/crossbred include: New Zealand, Satin, French Lops and all crossbred rabbits, large & giant are commercials.

****NOTE:** A complete list of Fancy and commercial breed classes is available in the Nebraska State Fair book and will be honored for county show.

A medal will be awarded to the top division winner for Fancy rabbit division and top Commercial/crossbred division. Division Medal winners will compete for the Champion Overall Rabbit Trophy. Rabbits from the market classes are not included in this selection.

POULTRY

DIVISION 70 - SHOWMANSHIP POULTRY

Purple - \$3.00 Blue - \$2.00 Red - \$1.00 White \$0.00

Exhibitors must have completed YQCA training.

- Z070001 Senior Poultry Showmanship (15 & over)
- Z070002 Intermediate Poultry Showmanship (12,13,14)
- Z070003 Junior Poultry Showmanship (8 - 11)
- Z070011 Clover Kid class (ages 5,6,7)

Refer to the rules on Small Animal Guidelines page.

DIVISION 71 – POULTRY

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

Standard Size

- Z071001 Cockerel
- Z071002 Pullet
- Z071003 Cock
- Z071004 Hen
- Z071005 Trio (1 male, 2 female all same breed)
- Z071006 Pen (Broilers)
- Z071007 Pen (Egg Production)
- Z071008 Egg Class - six eggs

Bantams

Z071009	Cockerel (<1yr)
Z071010	Pullet
Z071011	Cock (1 yr. +)
Z071012	Hen
Z071013	Trio

Other Poultry

Z071014	Tom Turkey
Z071015	Hen Turkey
Z071016	Gander
Z071017	Goose
Z071018	Drake
Z071019	Duck
Z071020	Trio of "exotic" (pullets-3 different breeds)
Z071021	Best Dressed Fowl
Z071022	Pigeon
Z071023	Other

Division winners for Standard, Bantams and Other Poultry areas will receive a medal.

Division Medal winners, will compete for the Champion Overall Poultry Trophy.

DIVISION 693 - CAT

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

All cats must be shown on a leash. Criteria for judging will be 1) the animal's health and general appearance (condition, thriftiness, cleanliness and grooming - not breed characteristics), 2) general knowledge about cats, Questions from the manual may be asked. **All cats are required to be current with rabies and distemper shots, panleucopenia, rhino tracheitis, calici virus. Cats must be current with feline leukemia vaccination or show proof of negative test within 180 days of show.** In some instances, a current vaccine may be a 1 to 3 year time interval, please check with your vet to be sure. *** Send a copy of the shot record with the pre-entry OR be prepared to show proof of vaccinations (such as a signed vet certificate, vaccinations printout or receipt).* **For health reason, all cats must be vaccinated two weeks prior to the fair or be current with shots.** Cats will be released to the exhibitor immediately after pet show.

Z693001	Kitten - 4-8 months
Z693002	Adults - over 8 months of age
Z693003	Best Dressed Cat
Z693011	Clover Kid Class (ages 5,6,7)

DOG

Refer to publication: Nebraska 4-H Dog Shows Guidelines 4-H20.

Please go online to be current with the rules.

*** Clay County and Fillmore Counties will join together to hold a dog show and a Dog Skill-a-thon contest. The show sites will alternate each year. The show will be conducted as one event with awards being made to the top exhibitor regardless of county origin. The show location and time TBA.

NUMBER OF ENTRIES: An exhibitor may enter one showmanship class, 2 agility classes (using different dogs and in different level of classes), and 2 obedience classes (using different dogs and in different level of classes)

VACCINATIONS: **Dogs must be immunized with distemper, hepatitis, parvo and rabies.** To pre-enter, submit the Nebraska State Fair Dog Show Vaccination Record Form (SF 263) filled out and signed by a veterinarian documenting that rabies vaccinations are within 1 year or 3 years depending on the vaccine given and all other vaccinations within 12 months. All vaccinations must be in effect at the time for the show. Explanation: Some rabies vaccinations are viable for one year and some rabies vaccinations are viable for three year but are specifically designed and administered according to their label. It is not acceptable nor allowed to vaccinate a dog with a 1 year rabies vaccine and plan to have it in effect for 3 years.

DISQUALIFIED DOGS - Females in season will not be permitted at show. Overly aggressive dogs may be disqualified at discretion of the judge or superintendent. Lameness or crippled dogs will not be permitted to show if it is determined by a show superintendent that it is affecting the health of the dog.

ADVANCE IN OBEDIENCE AND AGILITY CLASSES: Follow rules in Nebraska 4-H Dog Shows Guidelines 4-H20. A youth will move up to a "transition year", after they receive 2 purples in a specific class at county or state level completion. Youth will finish their 4-H year at the same level if the second purple ribbon occurs in the middle of their 4-H year. Youth do not have to move up in the middle of a 4-H year. Youth will then have the option to stay in their current class for one additional year (after receiving 2 purple ribbons) called "transition year". During the transition year, youth will practice the more advanced class (gained skills such as off leash work) but may compete in their same level. Youth may advance up to the next level more quickly with advice/assistance from a leader and parent to help evaluate skill and readiness of youth and dog. This may especially occur if the youth has had previous dog handling experiences.

DIVISION 500 - DOG SKILLATHON CONTEST

This contest is designed to test your knowledge of dogs and dog care. **YOU DO NOT NEED A DOG TO PARTICIPATE IN THIS CONTEST.** Pre-registration is due at the Extension Office by **June 15**. See the *Contest section* of this fairbook for more information.

DIVISION 700 - DOG SHOWMANSHIP

Purple - \$5.00 Blue - \$4.00 Red - \$3.00 White - \$1.50

Showmanship - Each class will be judged on handler's appearance (10%), grooming and conditioning of dog (20%), coordination of the dog and handler (50%) and general knowledge (20%).

- Z700001 Senior Dog Showmanship (ages 14-18)
- Z700002 Intermediate Dog Showmanship (ages 10-13)
- Z700003 Junior Dog Showmanship – (ages 8-9)
- Z700011 Clover Kid class (ages 5,6,7)

DIVISION 701 - DOG OBEDIENCE

Purple - \$5.00

Blue - \$4.00

Red - \$3.00

White - \$1.50

If a dog wins a purple ribbon in a particular class, the dog may be shown in the same class with a different handler. Otherwise the dog will be required to move up to the next level.

Beginning Novice- All exercises must be performed on a six-foot leash. Dogs must heel including figure 8; stand for examination; come on recall; long sit for one minute and long down for three minutes.

Z701010 **Beginning Novice A** – exhibitor and dog is in first year of competition (starting project after Oct 1, 2015) Exhibitors incorrectly entered will be moved to Beginning Novice B.

Z701020 **Beginning Novice B** – exhibitor or dog is beyond first year of competition.

Z701030 **Novice** - Dogs must heel on leash including figure 8; heel free; stand for examination off leash, heel free; come on recall off leash, long sit for one minute off leash, and long down for three minutes off leash.

Z701040 **Graduate Novice** - Dogs must heel on leash; heel free including figure 8; drop on recall; stand for examination off leash; long sit for three minutes and long down for five minutes both with handler out of sight.

Z701045 **Advanced Graduate Novice** – heel on leash and figure 8 (off leash), drop on recall, dumbbell recall, recall over high jump, recall over broad jump, and long down.

Z701050 **Open** - All exercises off leash. Heel free and figure 8; drop on recall; retrieve on flat; retrieve over high jump; broad jump; long sit for three minutes and long down for five minutes, both with handler out of sight. Refer to 4-H 419, Guidelines for Nebraska D4-H Dog Shows for heights/distances.

Z701055 **Graduate Open** – signal exercise, scent discrimination, directed retrieve, moving stand and examination, go out, and directed jumping.

Z701060 **Utility** - The dog will perform five exercises; the signal exercise, the scent discrimination exercise with leather and metal objects; the direct retrieve, moving stand and examination; directed jumping. Exhibitors must supply their own scent articles and gloves for the direct retrieve.

DIVISION 702 - DOG AGILITY

Purple - \$5.00

Blue - \$4.00

Red - \$3.00

White - \$1.50

Dog Agility is basically a timed obstacle course of 6 to 16 obstacles for the dog and handler to participate in. It is a break from the more structured obedience and showmanship competitions, yet still requires a well-trained dog and informed handler. A complete explanation of the rules and classes is available at the Extension Office or in the publication 4-H Dog Shows Guidelines for Nebraska book (4-H 420). Level 1 & 2 Agility classes are run on leash. Level 3 & 4 and 5 are all run off leash.

Z702010 **Level 1** - 6 obstacles – 3 bar jumps which have two bars each, short dog walk, pause box or table, and tunnel (open)

Z702020 **Level 2** - 10 obstacles – several bar jumps which have two bars each, short dog walk, pause box or table, tunnel (open), chute (collapsed or closed tunnel), solid panel jump and tire jump (hoop jump).

Z702030 **Level 3** - 10 obstacles – same obstacles as Level 2 but dogs run off leash for Level 3

Z702040 **Level 4** - 13 obstacles – bar jump which as one bar each, bar jump which has two bars each, tall dog walk, pause box or table, tunnel (open), chute (collapsed or closed tunnel), solid panel jump, teeter totter (seesaw), weave poles (single set with 6 poles), and tire jump (hoop jump)

Z702050 Level 5 – 15 or 20 of any of the following obstacles such as: bar jump which as one bar each, bar jump which has two bars each, tall dog walk, pause box or table, tunnel (open), chute (collapsed or closed tunnel), solid panel jump, A-frame short, A-frame tall, teeter totter (seesaw), weave poles (single set with 6 poles), weave poles (double set with 12) poles), and tire jump (hoop jump) broad jump, dump jump, triple bar jump, swing bridge, crawl, etc... Number of obstacle used for a course will depend on ring size and available equipment at show site. Course layout may include more advanced handling techniques.

Z700911 Rally class. This will be an opportunity to run the dogs through a course following directions at different stations. This is an exhibition class.

DIVISION 95 - SMALL ANIMALS

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

Z095001 **Birds**

Z095002 **Gerbils**

Z095003 **Hamsters**

Z095004 **Guinea pigs**

Z095005 **Other**

Z095011 **Clover Kid Class** (ages 5,6,7)

Exhibitor must provide their own equipment. Judging - will include: 1) health of animal, 2) condition of cage, 3) safety of display, 4) appropriate environment 5) questions of general knowledge. The exhibit will be judged as a whole; both animal and the facility in which they are displayed will be considered during the judging of the exhibit. If an animal is displayed in a travel cage, please prepare a display such as a poster or pictures showing the animal in its normal home. Exhibits will be released immediately after pet show.

DIVISION 1 – HERDSMANSHIP

Z001001 Large Group: Size to be determined at County Fair by Superintendent

Purple - \$20.00

Blue - \$12.50

Red - \$5.00

White - None

Z001002 Small Group: Size to be determined at County Fair by Superintendent

Purple - \$10.00

Blue - \$6.00

Red - \$2.50

White – None

Z001003 Individuals: Independent 4-H member or sole livestock exhibitor of club

Purple - \$5.00

Blue - \$4.00

Red - \$3.00

White – None

Clubs may be scored on Herdsmanship several times a day anytime between 10:00 am and 6:00 pm. After 6:00 pm, no demerit points will be taken off for feeding and watering animals in stalls or lack of club attendant, but exhibit should be reasonably neat at all times. Herdsmanship will begin at 12:00 noon, on Entry Day. The final scoring will be following cleanup at the conclusion of the fair. This also includes the tie-out areas you were responsible for.

Each 4-H livestock exhibitor is expected to excel in Herdsmanship. Herdsmanship is a club activity, cooperation, and hard work is expected by all exhibitors.

Herdsmanship involves: 4-H exhibitor cards being on the stalls and/or pens identifying animal, class, exhibitor, and club. Ribbons stickers may be placed on cards after each

respective show. Use of white paint only on stalls, green paint may be used as trim. Show box and supplies areas should be kept neat and orderly. Keep alleys and tie out area clean. Properly store feed and trappings and dispose of manure in appropriated area. After judging hours, stalls and pens should be cleaned and prepared for the next day, keeping the alleys open and clean. No litter should be dumped in driveways.

All areas will be judged on show days. The animals that are being "shown" in respective areas will be exempt from judging two hours before and two hours after the show. Alleyways must be kept clear at all times.

Tie out areas may be utilized for large animals, from 9:00 p.m. to 10:00 a.m. and will be assigned and judged as part of Herdsmanship accordingly. Neck ties on cattle, in addition to halters, are highly recommended. Tie-out areas must be cleaned by the 4-H'ers utilizing the space, at the conclusion of the fair.

Horses will be allowed to leave stalls between 4:30-6 p.m. and may be exercised in **the arena**. Bridles and saddles must be used and appropriate shoes worn when riding. Animals will return to stalls for display.

Small animal's barns must be kept clean. Each exhibitor is responsible to take turns sweeping and maintain the barn. **The barns need to be presentable at all times.**

The following score card will be the basis of judging Herdsmanship in dairy, beef, swine, sheep, and horses. Comment sheets **may** be available to view at the fair office after judging.

CLEANLINESS OF ALLEYS AND STALLS OR PENS	40
a. Bedding adequate, bright, dry, clean and in place	
b. Feed boxes in front of animals only at feeding time	
c. Manure hauled out and deposited in proper place	
d. Alleys swept clean, free of dust and straw	
e. Water may be brought to animals as needed then removed.	
ARRANGEMENT OF EXHIBIT	40
a.. Exhibits lined up in an attractive manner	
b. Hay and straw neat and orderly	
APPEARANCE OF ANIMALS	20
a. Animals clean and brushed	
b. Animals in stalls and/or pens between 10:00 a.m. and 6:00 p.m. except for weighing, showing and washing, horse exercising.	
c. Animals securely tied or penned.	
TOTAL	100

Questions or complaints about the scoring on Herdsmanship must be discussed with the superintendent, by a 4-H member. Complaints received by other than a 4-H'er, may cause points to be deducted from the club score.

HERDMANSHIP AND ANIMAL CARE is the responsibility of each 4-H member and Clover Kid that are exhibiting at the county fair. Please be responsible for proper care of your animal by watering, feeding, keeping animal cool (fans or misting) and keeping environment correct for your animal and for public viewers. Hogs may need to be watered down periodically.

Summer Heat and watering of animals: due to high temperatures, it will be necessary to provide water to your animals during the time they are stalled in the barn. This can be handled by bringing water to your animal or temporarily securing a pan of water in a stall so it is not lose or able to be spilled. Remove bucket when finished.

STATIC EXHIBITS SECTION

HERITAGE

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

An exhibit of items, pictures, maps, charts, slide tapes, drawings, illustrations, writings, or displays that depict the heritage of the member's family or community or 4-H history.

Please note exhibits are entered at 4-H's own risk. We are not responsible for loss or damage to family heirloom items. Displays should not be larger than 22" x 28" wide. Exhibits must include name - county & past experience (years in Explore Your Heritage) on back of exhibit. All entries must have documentation included.

**Premier 4-H Science Award is available in this area at the Nebraska State Fair.

DIVISION 101- Level I - Beginning (1-4 years in project)

- A101001 **Heritage poster or flat exhibit.** Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.
- A101002 **Family Genealogy/History Notebook** - Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.
- A101003 **Local History Scrapbook/Notebook** - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- A101004 **Framed family groupings** (or individuals) of pictures showing family history. Pictures should be supported by a written explanation.
- A101005 **Other exhibits** depicting the heritage of the member's family or community. Exhibit should be supported by a written explanation. May include, biographical album of themselves or another family member, family cookbooks, etc.
- A101006 **4-H History Scrapbook** - A scrapbook relating 4-H history of a 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.
- A101007 **4-H History Poster** - Poster relating 4-H history of local club, county or individual.
- A101008 **Story or illustration** about a historical event.
- A101009 **Book review** about local, Nebraska or regional history.
- A101010 **Other historical exhibits** - attach an explanation of historical importance.
- A101011 **Family Traditions book** - Exhibitor scrapbook depicting family traditions of the past.
- A101012 **Family Traditions Exhibit** - Story or illustration of a family tradition or event. Exhibit must be supported by a written explanation.
- A101013 **4-H Club/County Scrapbook** - Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- A101014 **4-H Member Scrapbook** - Scrapbook relating to individual 4-H member's 4-H history. If multiple books included in exhibit, only bring book with most current year's work.
- A101015 **Special Events Scrapbook** - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

DIVISION 102 - Level II: Advanced (over 4 years in project)

- A102001 **Heritage poster or flat exhibit.** Entries may be pictures, posters, items, etc. that depict family heritage. Exhibits must be supported by a written explanation.
- A102002 **Family Genealogy/History Notebook** - Include pedigree charts/family group sheets, with documentation beyond two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year's work.
- A102003 **Local History Scrapbook/Notebook** - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.
- A102004 **Framed Family Groupings** (or individuals) of pictures showing family history. Pictures should be supported by a written explanation.
- A102005 **Other Exhibits** depicting the heritage of the member's family or community. Exhibit should be supported by a written explanation. May include, biographical album of themselves or another family member, family cookbooks, etc.
- A102006 **4-H History Scrapbook.** A scrapbook relating 4-H history of local club or county. Must be the work of individual 4-Her, no club project. If multiple books included in exhibit, only bring book with most current year's work.
- A102007 **4-H History Poster** - Poster relating 4-H history of local club, county or individual.
- A102008 **Story Or Illustration About A Historical Event.**
- A102009 **Book review** about local, Nebraska or regional history.
- A102010 **Other Historical Exhibits** - attach an explanation of historical importance.
- A102011 **Exhibit Depicting The Importance Of A Community Or Nebraska Historic Landmark.**
- A102012 **Community report** documenting something of historical significance from past to present.
- A102013 **Historic Collection** (display securely & attractively in a container no larger than 22x 28").
- A1020014 **Video/DVD** or slide/tape documentary of a family or a community event. Must be produced and edited by 4-H member.
- A102015 **4-H Club/County Scrapbook** - Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year's work.
- A102016 **4-H Member Scrapbook** - Scrapbook relating to individual 4-H members > 4-H history. If multiple books included in exhibit, only bring book with most current year's work.
- A102017 **Special Events Scrapbook** - A scrapbook relating to a 4-H special event, such as congress or CWF or a personal or family special event, such as a trip, family reunion, etc.

CITIZENSHIP

DIVISION 120 -Public Adventures, And My World

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

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

Please note exhibits are entered at 4-H'er's own risk. We are not responsible for loss or damage to family heirloom items. Displays should not be larger than 22" x 28" wide.

Resources: Solve real problems in your community; Discover the possibilities of democratic citizenship; Plan and conduct a project that will create, change, or improve something valuable to people.

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 experiences, study or observations that relate to their exhibit. This helps the judges understand what the 4-H'er did and learned in the process that led to the exhibit.

References: All exhibitors should reference material sources or supporting information used in exhibits (i.e., if questions from a game were taken from an outside source, they must be referenced.)

Identification: All entries should be labeled with the exhibitor's name, club and county. Scoring: Score sheets can be found on the web or are available from the county extension office.

**Premier 4-H Science Award is available in this area at the Nebraska State Fair.

Classes

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

How did you select the organization?

What items did you include in your care package?

Why did you select those items?

How did it feel to present your care pack to the organization?

What did you learn from this experience?

Other information that you feel is important about the care package or organization.

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

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

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

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

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

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

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

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

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

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

Division 130 - I2I Project Classes

Discover your own family genealogy; Expand your cultural knowledge; Explore different cultures and ways of thinking.

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

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

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

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

Class A130005 –Exhibit depicting a cultural food that is special to your family. Can be a story or essay.

Class A130006 – "This is Who I Am" poem.

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

Class A130008 -- Biography about an historical figure that has made a positive impact on our society or who have made a difference in the lives of others

Class A130009 – Play Script written about a different culture.

COMMUNICATIONS & EXPRESSIVE ARTS

DIVISION 154 Communication

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

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

Educational resources can be found at <http://4hcurriculum.unl.edu>, Communications Modules 1,2,or 3. Static exhibits in this division will be evaluated on clarity of purpose/message in relation to communication, accuracy of information, originality, creativity, evidence of exhibitor's learning in this area, and educational value of exhibit or views.

COMMUNICATIONS, MODULE 1 *(Level I is county only)*

*B154931 **Symbol Scrapbook.** Photograph 10 symbols and include in a scrapbook that shares where the symbol was observed, what this symbol communicates, and other places where this symbol might be observed.

*B154932 **Storyboard a 4-H Project.** Create a storyboard that explains the steps that were completed from the beginning to the end of a 4-H project that was previously complete in another area.

*B154933 **Communications Game.** Create a quiz game for your family or 4-H club members by selecting topic categories, writing and answering questions within these categories, and assigning point values to each question. Place this information on 3" x 5" index cards and display quiz game on a poster board. Explain how this game could be used and its purpose.

*B154934 **Caring Correspondence.** Create a formal or an informal letter, e-mail, or note that shows how much you care, such as a letter of appreciation, a thank you note, or a friendship card.

COMMUNICATIONS, MODULE 2

Use on 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.

B154001 Poster. Create a poster, measuring either 22" x 28" or 24" x 36" that showcases what was learned in this project area.

B154002 Essay. Write an essay (3-5 pages) that showcases what was learned in this project area.

COMMUNICATIONS, MODULE 3

Using 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.

B154003 Poster. Create a poster, measuring either 22" x 28" or 24" x 36" that showcases what was learned in this project area.

B154004. Essay. Write an essay (3-5 pages) that showcases what was learned in this project area.

B154005. 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 AR code creator, ex. QR-code generator.com) Print the following on and 8.5" x 11" 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.

PHOTOGRAPHY

The purpose of this category is to establish 4-H'ers basic to advanced knowledge of camera's capabilities. Participants can work through a variety of division progressing through basic to difficult photographic classes. For help getting started with this project check out the new project manuals.

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

GENERAL GUIDELINE RULES TO ASSIST IN PREPARING YOUR EXHIBIT. READ THROUGH ALL DIRECTIONS SO YOUR EXHIBIT MEETS QUALIFICATIONS.

1 4-H Photography Level I is *county only*. 4-Hers are allowed exhibits in only one Level of competition.

2 4-H members may enter one exhibit per class

3 An image may only be used on one exhibit with the exception of the Portfolios, which may include images entered in other classes.

4 Cameras: Photos may be taken with any type of film or digital camera, including pones, tablets, and drones.

5 Photos must be shot by member during the current project year with the exception of Portfolios, which may include images captured and /or exhibited in previous years.

6 Securely attach photos, mats, backing, and data tags. Exhibits that are poorly attached may be disqualified. Do not use photo corners, borders, or place coverings over the exhibits.

7 Portfolios: All portfolios must include the following information: 1) 1-page max bio, 2) table of contents, 3) years each photo was taken, 4) title for each image, 5) device make and model used to capture each image, and 6) reflections for each photo. When writing reflections, youth should focus on what new photography techniques or skills they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image. Portfolios may be presented in either print or digital formats.

1. Printed portfolios should be presented in a 8.5" x 11" three-ring binder or similar book format. Recommended photo size is 8" x 10". Matting is not necessary.
2. Digital portfolios may be presented online and must be exhibited along with a single 8.5" x 11" flyer. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.

8 Display exhibits are accepted in Units 1 and II divisions. Displays consist of three 4" x 6" photo mounted on a single horizontal 11" x 14" black or white poster or mat board. Incorrect sizes will not be accepted. No foam board backing should be used. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distract from the overall display. No titles, captions, or stick-on numbers will be allowed in class 20-60. Photos may be mounted vertically or horizontally. Appropriate Data Tags are required. (see rule regarding Data Tags)

9 Print Exhibits: Print exhibits must be 8" x 10" printed mounted on 11" x 14" (outside size) cut matting with a sandwich mat board backing. Incorrect size will not be accepted. No foam board should be used for matting or backing. Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames are allowed. Appropriate data tags are required

10 Challenging Photo Exhibits: These classes are intended to encourage creativity, problem-solving skills, and deeper exploration of the use of photography. These classes require taking and exhibiting multiple photos in a single exhibit. Photos should be attached to a single poster or mat board. No foam core backing. Appropriate data tags are required.

11 Entry Tags should be securely attached to the upper right-hand corner of the exhibit.

12 Data Tags are required on all photography exhibits in classes 20-7-. Data tags should be securely attached to the back of the exhibit. Photos without data tags will not be accepted. Current data tags and help sheets are available.

13 Level 2 Prints: All Level 2 prints must have a Level 2 Data Tag.

14 Level 2 Displays: Each photo of the display must include a separate Level 2 Data Tag. Data Tags should be numbered with the corresponding photo's number

15 Level 2 Challenging Exhibits Each photo of the Level 2 Challenging Exhibit should have a separate Level 2 Data Tag. Data Tags should be numbered with the corresponding photo's number.

16 Level 3 Prints: All Level 3 prints must have a Level 3 Data Tag.

17 Level 3 Prints: All Level 3 Exhibits must have a Level 3 Data Tag.

DIVISION 920 - CLAY COUNTY PICTURE *(county only exhibit)*

This is a Clay County entry available to all photography exhibitors. The criteria is to enter a picture you took, that is any subject from Clay County. The picture can be color or black/white, your choice of size, matted but not framed. Be creative. Pictures *may* be selected for future displays. One per person.

***B920931 - PHOTO PRINT** - subject from Clay County

DIVISION 180 - Unit I (county only)
PHOTOGRAPHY BASICS

***B180901 Fun with Shadows Display or Print** – Photos should capture interesting or creative use of shadows (Activity 4)

***B180002 Get in Close Display or Print** – Photo should capture a close-up view of the subject or object (Activity 8)

***B180003 Bird's or Bug's Eye View Display or Print** - Photo should capture an interesting viewpoint of a subject, either from above (bird's eye view) or below (bug's eye view (activity 10)

***B180004 Tricks and Magic Display or Print** – Photos should capture visual trickery or magic. Trick photography require creative compositions of objects in space and are intended to trick the person viewing the photo. For example, if someone is standing in front of a flower pot, the pot might not be visible in the image, making it look as if the flowers are growing out of the person's head (activity 11)

***B180005 People, Places, or Pets with Personality Display or Print** – Photos should have a strong focal point, which could be people, places, or pets. Photos should capture the subject's personality or character. Photos may be posed or un-posed. (activity 13)

***B180006 Black and White Display or Print** – Photos should create interest without the use of color. Photos should show strong contrast and /or textures. Photos may be captured in black and white or captured in color and edited to black and white (act. 15)

***B180007 Challenging Photo Exhibit: Telling a Story Display** – Exhibit will include three photos which tell a story without words. Photos may show something being created, destroyed, consumed, moving, or growing. Photos should capture the beginning, middle, and end of a single story, project, or event. Display will consist of three 4 x 6 photos mounted on a single horizontal 11 x 14 black or white poster or mat board. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distracting from the overall display. No titles, captions, or stick-on numbers are allowed. Photos may be mounted vertically or horizontally. Data tags are required for each photo in the display. (activity 14)

DIVISION 181 –NEXT LEVEL PHOTOGRAPHY
LEVEL 2 –

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

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

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

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

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

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

B181-070 Challenging Photo Exhibit – Pictures with a Purpose – Exhibit will include a series of three photos which show off a product, organization, or event. Photos should be captured with the idea of being used in an advertisement or promotion. All three photos must capture the same product, organization, or event. Exhibits will consist of three 4"x6" photos mounted on a single 11" x 14" black or white poster or mat board. No foam core backing. Photos may be mounted vertically or horizontally. Data tags are required for each photo in the exhibit. Exhibit should be titled with the name of the product, organization, or event featured in the photos. Each photo should be numbered and captioned. Captions should provide context for the viewer – similar to photo captions you might see in a magazine or newspaper. Captions should be readable but not distracting (Activity 14)

Rules:

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

**Division 182 Mastering Photography
Level 3**

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

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

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

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

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

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

B182070 Challenging Photo Exhibit – Photo Joiner – Using Activity 13 as a guide, create a photo joiner. Photo joiners should include more than 15 separate photos. Recommended photo size is 3"x5" or 4"x6". Photos should be securely mounted to an appropriately sized poster or mat board (minimum: 11"x14"; Maximum 22"x28) No foam core backing. A single data tag is required for the exhibit (Activity 13)

Rules

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

Resources:

Mastering Photography – Level 3

Get to know your camera's capabilities using the mode dial; Practice capturing a focal point understanding how camera equipment and depth of field effects the photo; Practice taking photos in low-light situations; Practice taking photos that help you get the correct exposure; Practice taking silhouettes; Practice composing photos that include geometric shapes and interesting framing; Practice composing photos that break photography "rules"; Practice taking still-life photos; practice capturing portraits showing a person's character and personality; Practice taking photos of interesting shapes, patterns, and textures; Practice capturing photos where the subject is in motion; Practice taking photos that are outside the normal limits: astrophotography, underwater, infrared; Practice creating creative joiners; Evaluate photos that represent body of work

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/30

Next Level Photography – Level 2

Get to know your camera's capabilities using zoom; Practice using different lens filters; Practice using light to portray a specific mood; Practice taking photos of reflections; Practice taking photos without the flash feature on your camera; Practice using the Rule of Thirds and the Rules of the Golden Triangle and the Golden Rectangle; Practice taking photos from different points of view/perspectives; Practice creating photos with interesting negative spaces; Practice capturing unposed, candid shots of a subject or event; Practice taking photos of "bits and pieces" of ordinary objects to create a work of art; Practice using a camera to create a panorama; Use color to create photos that are cool warm, monochromatic, contrasting, and/or complementary; Practice taking photos with a specific purpose in mind to teach, instruct, or sell a product or service; Evaluate photos that represent body of work

URL: https://4hcurriculum.unl.edu/index.php/main/program_project/29

Photography Basics – Level 1

Get to know your camera; Practice keeping camera steady and level; Practice taking photos, noticing natural light; Notice shadows and their potential in photography; Practice using natural light from several different directions; Practice using flash for fill, solving red-eye problems; Evaluate background, middle-ground, and foreground when taking photos; Practice filling the frame with the subject; Practice eliminating background clutter in photos; Practice using different viewpoints and perspectives in photos; Compose creative, unusual photos; Compose variety of selfies; Take photos of people, places, and things; Sequence photos to tell a story; Create black and white photos; Evaluate photos using critical thinking

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

HUMAN DEVELOPMENT

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

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

Information sheets for Classes 1 - 6 & Class 8: (Final ribbon placing of the exhibit will include the completeness and accuracy of this information sheet.)

Information sheets for Classes 1-6 should include:

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

Information sheet for Class 8 (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. 4-H'er should make one or more items in the kit, but purchased items are also allowed. (It is highly suggested that an inventory list of items in the kit be included).

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.

To learn characteristics of suitable and unsuitable toys and for characteristics of children at various stages of development, please refer to the 4-H online resource: <http://go.unl.edu/babysitting>. *I Have What it Takes To Be Your Babysitter*. Another resource that will assist youth in understanding young children is the Nebraska Early Learning Guidelines -<http://www.education.ne.gov/OEC/elg.html>

Division 200 HUMAN DEVELOPMENT

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. Information sheet required or exhibit will be dropped a ribbon placing for classes 1-6.

C200001 - **SOCIAL EMOTIONAL DEVELOPMENT** (SF30)

C200002 - **LANGUAGE and LITERACY DEVELOPMENT** (SF30)

C200003 - **SCIENCE** (SF30)

C200004 - **HEALTH and PHYSICAL DEVELOPMENT** (SF30)

C200005 - **MATH** (SF30)

C200006 - **CREATIVE ARTS** (SF30)

C200007 - **ACTIVITY WITH A YOUNGER CHILD** - Poster or scrapbook showing 4-H'er working with a child age 0 to 8 years. May show making something with the child, or child care or child interactions. May include photos, captions, story or essay. Size of exhibit is your choice. Other people may take photos so 4-H'er can be in the photos. 4-H'er must make scrapbook or poster. No information sheet needed for class 7. (SF 115)

C200008 - **BABYSITTING KIT** - Purpose of the kit is for the 4-H'er to take this with them when they babysit in someone else's home. Do not make kit for combination of ages or for your own family to use. 4-H'er should make one or more items in the kit, but purchased items are also allowed. A list of items in the kit is suggested to be included. Display in box or bag suitable for what it contains. Approximate size not larger than 12"x15"x10". All items in kit must be safe for child to handle. More importantly the kit should serve a defined purpose, not just be a catch all for several items

Information sheet for Class C200008 should include:

- 1) State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for.
- 2) What are children this age like? Give 2 examples to show how the kit would be appropriate for children this age.
- 3) What will the child learn or what skills will they gain by using the kit?
- 4) What item(s) were made by the 4-H'er. Most importantly the kit should serve a defined purpose, not just be a catch all for several items. (SF85)

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

C200009 - **FAMILY INVOLVEMENT ENTRY**. Scrapbook, poster or story describing an activity the family did together. It might include making something such as a doll house or 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:

C200010 - **GROWING WITH OTHERS Scrapbook or poster.** Examples - How to decide if it's time you can be home alone, and related activities. How responsibilities and privileges are related. Friendships. Working with others. Understanding rules and boundaries. A family tree. A family rules chart. A family meal plan, with pictures of a special family meal. A home safety checklist. Being street smart (safety). A school scrapbook showing yourself and your school activities, memories, and special interests. (SF 115)

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

CLOTHING

Participants in the clothing category will demonstrate their knowledge through the creation of garments using STEAM (science, technology, engineering, arts and mathematics) techniques. Through the creation of garments 4-H'ers will learn more about clothing and application of STEAM abilities. Five divisions in the clothing category offer a varying level of difficulty for 4-H contestants. For resources check out manuals at the office or online at <http://4hcurriculum.unl.edu>

NOTE: No entry will be accepted which is not listed in the premium book. This area is for clothing construction. **To model in the Fashion Show, check the Contest section of this book.**

IDENTIFICATION LABEL - Each item entered as a clothing exhibit must have a label attached stating: county, exhibitor's name, age, project name and class in which garment is entered and the number of years 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 basting. Not responsible for unlabeled items. You may provide your own paper labels.

PREPARATION OF EXHIBITS - Please bring all wearable exhibits on wire hangers only. All exhibits not suitable for hanging should be entered in a self-sealing plastic bag. As you look at the garment place the hook of the hanger pointing to the left. Fasten skirts, shorts and pants to skirt/pant hangers or safety pin to hanger. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands.

GENERAL - Garments as listed may be made for self (4-H member) or another person. 4-H'ers enrolled in clothing projects should continue their skill development. Once you

have exhibited in a higher level, you are not eligible to exhibit in a lower level Example, once you exhibit in STEAM Clothing 3, you are not eligible to exhibit in STEAM Clothing 2.

CRITERIA FOR JUDGING - Refer to the Nebraska 4-H website for current state fair score sheets at www.4h.unl.edu. In addition all entries must conform to rules and regulations as stated.

MODELING in Fashion Show - Modeling your garments is a pre-fair event. Refer to the *Contest section* of this premium book to get pre-registered and complete a narrative information sheet. Garments will be Model and then displayed at the fair.

Division 221, BEYOND THE NEEDLE

4-H members must show their own original creativity.

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

C221001. 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.

C221002 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".

C221003. Embellished Garment With Original Design. Scoresheet SF26 (*eligible for State Fair Fashion Show*) Create a garment using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-Her using the elements and principles of design to make an original statement.

C221004. Original Designed Fabric Yardage. Scoresheet SF 26
Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. Exhibit consists of at least one yard of finished fabric. Include information on how the fabric was designed – describe the process and materials used and how the fabric will be used. If additional information is not included, exhibit will be lowered one ribbon placing.

C221005. Item (garment or non-clothing item) Constructed from Original Designed Fabric. Scoresheet SF26 (*garment would be eligible for SF Fashion Show*).
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 materials use and how the fabric will be used. If additional information is not included, exhibit will be lowered one ribbon placing.

C221006 Textile Arts Garment or Accessory Scoresheet SF63 (*garment would be eligible for SF Fashion Show*) 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.

C221007 Beginning Fashion Accessory Scoresheet SF23 (*not State Fair eligible for Fashion Show*) An accessory designed and/or constructed using elements and principles of design; can be textile or non-textile based. Examples: shoes, bracelets, scarves, etc. A description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.

C221008 Advanced Fashion Accessory (not eligible for State Fair Fashion Show) An accessory designed and/or constructed using elements and principles of design and advanced skills; can be textile or non-textile based. Example: peyote stitch, bead embroidery, advanced design on tennis shoes, metal stamping, riveting, resin, and etc. a description of the design process must accompany the entry. If additional information is not included, exhibit will be lowered one ribbon placing.

C221009 Wearable Technology Garment (eligible for State Fair Fashion Show) Technology is integrated into the garment in some way (example: LEDs, charging capabilities, sensors, etc).

C221010 Wearable Technology Accessory (not eligible for State Fair Fashion Show) An accessory constructed integrating technology into the accessory (for example: Charging Backpack, Fitness Tracker, etc).

***DIVISION 224 – * STEAM CLOTHING 1 (county only)**

one exhibit per class number but may enter several classes

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

***C224901 Sewing Kit** – Include a list of sewing notions and purpose for each. (pg. 12-17 in project manual)

***C224902 What's the Difference** – 4-H members enrolled in STEAM Clothing 1 may enter an exhibit (not to exceed 22" x 30") 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 NOT actual pillows.

***C224903 Clothing Service Project** – Can include pillows or pillow cases but are not limited too. Exhibit (not to exceed 22" x 30") notebook, poster, small display sharing information you generated in the project activity "Serving A Purpose" page 124/125.

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

***C224906 Pincushion**

***C224907 Pillowcase**

***C224908 Simple Pillow-** no larger than 18" x 18"

***C224909 Bag/Purse** – no zippers or button holes

***C224910 Simple Top**

***C224911 Simple Bottom** – pants, shorts, or skirt

*C224912 **Simple Dress**

*C224913 **Other** – using skills learned in project manual (apron, vest, etc)

*C224914 **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.

*C224915 **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.

*C224916 **Clothing 1 Portfolio** - Complete at least three different samples/activities from Chapter 2 or 3 of the project manual. The Portfolio should be placed in an 8 ½ 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.

***DIVISION 235 - * ALL SORTS OF SEWING - (county only)**

Members enrolled in a clothing project are eligible for these Classes.

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

Items sewn should be wearable or fashion. Home Environment items do not qualify in clothing section.

*C235934 **Garment Sewn & Worn** - opportunity to make an entry from a garment previously sewn and worn

*C235935 **Fashion Accessory Item Made from Fabric** - such as scarf, bag, purse

*C235936 **Apron or Other Fabric Apparel.**

*C235937 **Make One/ Buy One** complete outfit

*C235938 **Other Sewing item/garment**

*C235939 **Shopping with Sense outfit** – this entry is allowing you to show how you put together an outfit for under \$25. Items can be purchased from any store including second hand stores or garage sales. Purchase price does not include accessories. Include a one page explanation of pricing and your story how acquired, and where will be worn.

DIVISION 220 – General Clothing

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

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

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

C220002 Fabric Textile Scrapbook – Must include at least 10 different textile samples. Use Textile information Cards template on page 39 in Level 2 Simple Sewing project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. Textile Science Scrapbook should build upon itself each year (additional pages can be added each year, but should be dated). See project manual for fabric suggestions.

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

Division 222 - STEAM Clothing 2 - SIMPLY SEWING

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

Scoresheet SF28 for all classes. **Exhibits entered in this project must reflect at least one new skill learned from this manual.** (See project manual skill-level list) **Garments as listed below may be made from any woven or knit fabric appropriate to the garment's design and should demonstrate sewing skills beyond STEAM Clothing 1.**

C222001: Design Basics, Understanding Design Principles – 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".

C222002: 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.

C222003 Upcycled Garment – *(not State Fair eligible for 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.

C222004: Upcycled Clothing Accessory — *(not State Fair eligible for 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 entry.

C222005: Textile Clothing Accessory. Scoresheet SF23 — *(not State Fair eligible for Fashion Show)* Textile accessory is constructed using at least one skill learned in project manual. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

C222006 Top (vest acceptable) *(not State Fair eligible for Fashion Show)*

C222007 Bottom (pants or shorts) *(not State Fair eligible for Fashion Show)*

C222008 Skirt (*not State Fair eligible for Fashion Show*)

C222009 Lined or Unlined Jacket (not eligible for SF)

C222010 Dress (*eligible for State Fair Fashion Show*)

C222011 Romper or Jumpsuit (*eligible for State Fair Fashion Show*)

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

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

C22014 Garment Constructed from Sustainable or Unconventional (natural or synthetic) fibers (eligible for State Fair Fashion Show). Fabric/Fibers used in this garment have to be manufactured/purchased, for example: bamboo, banana, corn husk, and recycled fibers. Garments that are constructed out of the unconventional items themselves should be exhibited under Beyond the Needle.

Division 223, STEAM Clothing 3 – A STITCH FURTHER

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

Scoresheet SF28 for all classes

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

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

C223001- Upcycled Garment – 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. (*not State Fair eligible for Fashion Show*)

C223002- Upcycled Clothing Accessory – A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A “before” picture and a description of the redesign process must accompany the entry. (*not State Fair eligible for Fashion Show*)

C223003 -Textile Clothing Accessory. Scoresheet SF23 Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 3. Entry examples include: hats, bags, scarves, gloves. No metal, plastic,

paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

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

C223005- Skirted Combination (skirt with shirt, vest or jacket OR jumper and shirt)
(eligible for State Fair Fashion Show)

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

C223007- Romper or Jumpsuit. *(eligible for State Fair Fashion Show)*

C223008-. Specialty Wear. (includes: swim wear, costumes, hunting gear, or chaps)
(eligible for State Fair Fashion Show)

C223009- Lined or Unlined Jacket *(eligible for State Fair Fashion Show)*

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

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

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

KNITTING AND CROCHETING

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

All knitted and crocheted items will be displayed in the clothing area. Criteria for judging knitting and crochet: Design and Color, Neatness, Knitting Mechanics or Crochet Mechanics, Trimmings, and Construction Finishes.

Division 225, KNITTING

Scoresheet SF60 for all Classes

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

Information Sheet for Knitting - Each knitted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

1. What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s))?
2. What steps did you take as you worked toward your goal(s)?
3. What were the most important things learned as you worked toward your goals?
4. Gauge-Number of rows per inch; number of stitches per inch.
5. Size of needles. Finger knitted, arm knitted, loom or machine knitted
6. Kind of yarn – weight and fiber content.
7. Names of stitches used.
8. Copy of directions.

***C225901 Level 1 Knitted Clothing or Home Environment Item – (county only)**

C225001 Level 2 Knitted Clothing

Knitted item or garment using pattern stitches such as diamond, block, twist or seed/moss stitches. Basic stitches [including: Knit (K), Purl(P), Slip Knit Pass Over (SKPO), Knit Two Together (k2tog), Yarn Over (yo)] to form pattern.

C225002 Level 2 Knitted Home Environment Item – Knitted Item using basic stitches [including: Knit (K), Purl(P), Slip Knit Pass Over (SKPO), Knit Two Together (k2tog), Yarn Over (yo)] to form patterns.

C225003 Arm or Finger Knitted Item (Clothing or Home Environment Item)

C225004 Loom Knitted Item (Clothing or Home Environment Item)

C225005 Level 3 Knitted Clothing Item. *eligible for State Fair Fashion Show*

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

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

C225007 Level 3 Machine Knitting

Division 226, CROCHET

Scoresheet SF61 for all Classes

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

Information Sheet For Crochet. Each crocheted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing.

1. What was your goal(s) in making this exhibit (Example: Learn how to block a garment or learn how to use two different yarn(s))?
2. What steps did you take as you worked toward your goal(s)?
3. What were the most important things learned as you worked toward your goal(s)?
4. Gauge and size of hook or crochet tool.
5. Kind of yarn – weight and fiber content or other material used.
6. Names of stitches used.
7. Copy of directions.

***C226901 Level 1 Crocheted Clothing or Home Environment Item Unit 1**

C226001 Level 2 Crocheted Clothing Item - Crocheted garment using basic stitches [including: chain, single, double, half-double, treble] to form patterns

C226002 Level 2 Crocheted Home Environment Item - Crocheted item using basic stitches [including: chain, single, double, half-double, treble] to form patterns

C226003 Level 3 Crocheted Clothing Item - Crocheted garment using stitches learned in Level 2 while advancing to use crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches.

C226004 Level 3 Crocheted Home Environment Item - Crocheted item using stitches learned in Level 2 while advancing to use crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches.

CONSUMER MANAGEMENT

Consumer management helps participants learn more about how to make smart fiscal decisions and how to improve financial literacy. The different exhibits provide a variety of learning experiences for 4-H'ers. Participants in this category will emphasize setting smart goals and keeping a spending plan. Resources or materials are available online at <http://4hcurriculum.unl.edu>

DIVISION 240 - SHOPPING IN STYLE (ages 10 & over)

Purple - \$3.50 Blue - \$2.50 Red - \$1.5 White - \$1.00

GENERAL INFORMATION:

If exhibit is a poster it should be on 14" x 22" poster board. If a three-ring binder is used it should be 8 ½"x 11"x 1". Video exhibits should be less than 5 minutes in length and be able to be played on a PC using Windows Media Player, Real Player, or QuickTime Player.

C240001 Best Buy for Your Buck (4-H Ages 10-13) SF 84 Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). Do not include the Shopping In Style Fashion Show Information Sheet in your entry for this class. Although both entries do share some information, there are differences in content and format for this class.

Provide details about wardrobe inventory which indicates the following:

*Why you selected the garment you did

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

C240002 Best Buy for your Buck (Ages 14-18) 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. Do not include the Shopping in Style Fashion Show Information Sheet in your entry. Although both entries do share some information, there are differences in content and format for this class.

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

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

C240003 Revive Your Wardrobe (SFF 88) Take at least two items in your wardrobe that still fit but that you don't wear anymore and pair them with a new garment or garments to make them wearable once again. Create a photo story which includes before and after photos and a description of what was done. Put in a binder, poster, or video (see general information).

C240004 Show Me Your Colors (SF 89) 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).

C2400005 Clothing 1st Aid Kit (SF 64) Refer to page 73 of the manual and complete a clothing first aid kit. Include a list of items in the kit and brief discussion of why each was included. Put in appropriately sized box or tote with a lid. No larger than a shoe box.

C240006 Mix, Match, & Multiply (SF 90) 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 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).

Division 247 MY FINANCIAL FUTURE

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"x22" or smaller). You may use the front/back of the poster board.

Beginner/Intermediate

C247001 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.

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

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

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

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

C247006 My Work; My Future – Interview three adults in your life about their careers or jobs using the questions on page 51 and record 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

C247007 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.

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

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

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

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

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

* List one personal financial goal that you could use credit or collateral to purchase.

Discuss possible consequences that might happen with improper use of credit for your purchase.

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

HOME ENVIRONMENT

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

Rules:

- 1) Items must be designed to be used for home decorating, home furnishings or home management (No clothing, purses, note cards, scrapbooks/photo albums, etc).
- 2). Accessories should be of high quality (as compared to quick, simple crafts) that are suitable for use in the home several months throughout the year. Holiday specific items are discouraged. Exhibits made from kits are also discouraged as kits limit decision making in the design process.
- 3). Items should show creativity and originality, along with the application of design elements and principles. Youth are **required** to include the design elements and principles they used along with simple explanation of how they designed their project with their exhibit. Information on the elements and principles of design may be found in the Design Decisions manual, as well as Portfolio Pathways and Sketchbook Crossroads.
- 4) Entered in correct Class: What medium was changed or manipulated? What medium is the majority of your exhibit made from?
- 5) Items should be ready for display in the home (pictures framed, wall hangings and pictures ready to hang, etc.). No single matboard or artist canvas panels allowed. Wrapped canvas (if staples not visible on edge), is accepted without framing. Make sure hangers are strong enough to support the item. Command strips are not adequate hangers. Items not ready for display will be dropped one ribbon placing.
- 6) Items should *not* be made for beginning level or another project (ex. Simple table runner or woodworking).

SUPPORTING INFORMATION is required for all Home Environment exhibits.

Information must include the elements and principles of design used and steps taken to complete project. Tag templates can be found at the end of this book, office, or website links: <http://4h.unl.edu/fairbook> scroll to bottom of Home Environment area.

***DIVISION 252 - DESIGN MY SPACE (county only)**

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

*C252901 **Needle work item** (made with yarn or floss)

*C252902 **Simple fabric accessory**, like a pillow, laundry bag, pillow case, table runner, etc.

*C252903 Accessory made with original **batik or tie dye**

*C252904 Simple accessory made using **wood**

*C252905 Simple accessory made using **plastic**

*C252906 Simple accessory made using **glass**

*C252907 Simple accessory made using **clay**

*C252908 Simple accessory made using **paper**

*C252909 Simple accessory made using **metal tooling or metal punch**

- *C252910 Storage item made or recycled
- *C252911 Bulletin or message board
- *C252912 **Problem solved:** Use a creative method to show how you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan,
- *C252913 **Video** showing how to make a bed, organize a room, or the steps you used to make your simple accessory.

DIVISION 257 - DESIGN DECISIONS

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

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

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

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

C257003. **Solar, Wind, Or Other Energy Alternatives For The Home** – Can be models, either an original creation or an adaption of kit. If kit, label and explain what was learned and how the item could be used in or on exterior of home.

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

C257005. **Community Service Activity**-Show what was done as a community service activity related to this 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.

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

C257007. **Floor Covering** – May be woven, braided, painted floor cloth, etc. May be exhibited as a poster or multimedia presentation (on CD).

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

C257009. **Accessory** --Original Needlework/Stitchery made by 4-H members

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

C257011. **Accessory – Textile – 3D** (pillows, pillow shams, fabric bowls, etc. (No fleece tied exhibits)

C257012 **Accessory – 2D**

C257013 **Accessory – 3D** (string art, etc.)

C257014 **Accessory – Original Floral Design**

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

C257015 Accessory – Original made from **Wood** – burn, cut, shape or otherwise manipulate.

C257016 Accessory – Original made from **Glass** – etch, mosaic, stain, molten or otherwise manipulate.

C257017 Accessory – Original made from **Metal** – cut, shape, punch, sculpt, re-assemble or otherwise manipulate.

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

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

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

C257021 **Furniture -- Wood Opaque** finish such as paint or enamel.

C257022 **Furniture – Wood Clear** finish showing wood grain.

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

C257024 **Furniture – Outdoor Living** - Furniture made/refurbished suitable for outdoor use. (NOTE: May be displayed outside). Include description of what was done to recycle to reuse item in your attached information.

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

DIVISION 260 - SKETCHBOOK CROSSROADS

Purple \$3.50 Blue \$2.50 Red \$1.50 White \$1.00

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)

C260001 **Original Pencil or Chalk Drawing**, ready to hang. Scratch art accepted here. (pgs. 10-21)

C260002 **Original Ink Drawing**, ready to hang; (pg. 22-28)

C260003 Home accessory made from **Fiber** (p29)

- C260004 Home accessory made with **Felted Wool** (pgs. 29-33)
 C260005 Home accessory made with **Cotton Linter** (pgs. 34-36)
 C260006 Home accessory using **Batik** (pgs. 37-39)
 C260007 Home accessory made by **Weaving** (pgs. 40-47)
 C260008 Home accessory made with **Fabric Exhibitor Has Dyed** (pg. 48-50)
 C260009 **Original Sculpted or thrown home accessory made with clay** (no purchased items) (pgs. 53-62)
 C260010 **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

Purple \$3.50 Blue \$2.50 Red \$1.50 White \$1.00

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)

- C261001 **Original Acrylic Painting** based on techniques learned in Unit I or Portfolio Pathways, framed and ready to hang; (pgs. 12-13)
 C261002 **Original Oil Painting** based on techniques learned in Unit I or Portfolio Pathways, framed and ready to hang; (pgs. 26-33)
 C261003 **Original Watercolor** based on techniques learned in Unit I or Portfolio Pathways, framed and ready to hang; (pgs. 14-17)
 C261004 **Original Sand Painting** based on techniques learned in Unit I or Portfolio Pathways, framed and ready to hang; (pgs. 20-21)
 C261005 **Original Encaustic Painting** based on techniques learned in Unit I or Portfolio Pathways, framed and ready to hang; (pgs. 34-35)
 C261006 **Home Accessory** made with any printing technique in Unit II (36-56)
 C261007 **Original Mixed Media Accessory** – An art exhibit using a combination of two or more different media or materials. One media must be included in another Portfolio Pathways class (ex. Watercolor and graphite)
 C261008 **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: water 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.

DIVISION 256 – HEIRLOOM TREASURERS/FAMILY KEEPSAKES

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

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 painted it would be considered recycled. Entering highly valuable items (especially small ones) is discouraged, as exhibits are not displayed in closed cases.

Attach information including:

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

C256001 **Trunks**, including doll-sized trunks or wardrobes.

C256002 **An Article** - either a repurposed "treasure" (accessory) from an old item or an old treasure (accessory) refinished or renovated. May include a display of a collection or collectibles, being careful not to destroy value of the collection.

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

C256004 **Cleaned and Restored Heirloom Accessory or Furniture** - a reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed and simple repairs made. Item would not be refinished or repainted, but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. (Refinished items go in Classes 2-3). This Class is for situations where it may be best to do very little to the item to maintain its antique value. Item or article should be of complexity suited to an advanced project.

***DIVISION 255 - * FURNISHING ON A SHOESTRING - county only**

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

Include information on the amount of money spent to make the item and estimated savings.

*C255931 **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.

*C255932 **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 229 - QUILT QUEST

Purple - \$5.00

Blue - \$4.00

Red - \$3.00

White - \$1.50

EXHIBIT GUIDELINES

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

In the Premier Class, the 4-H'er has developed skills to be able to do all of the work by himself/herself. This includes pattern and fabric selection, cutting and sewing individual pieces, layering the quilt top/batting/backing together, and quilting. Quilting may be done by hand, by sewing machine or by a commercial-grade quilting machine. After quilting, the 4-Her must finish the quilt by "squaring it up," put binding on the edge, and placing a label on the quilt which provides details about the quilt making process for historical purposes. All entry cards and support information must be attached using a safety pin. Not 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 coordinating fabric and may be tied up with a string or scrap of fabric.
- **Turnover** is a collection of coordinating fabrics that are cut into 6" triangles.
- **Fat Quarters** are 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 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. Quilts or quilted items must be quilted or tied through all layers.
- Fleece blankets are not eligible for his division.

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

BARN QUILTS - A Barn Quilt is a large piece of wood that is painted to look like a quilt block. Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Please note this is the Home Environment information sheet.

C229021 Barn Quilt created that is less than 4'x4'

C229022 Barn Quilt created that is 4'x4' or larger

EXPLORING QUILTS

C229010 Exploring Quilts - Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to language arts, quilts of different cultures, chemistry, design, preservation, history, construction, math-conversion of 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 a 14x22 inch poster, notebook, CD, PowerPoint, Prezi, DVD, You Tube, or other technique. All items in an exhibit must be attached to the exhibit and labeled.

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

PREMIER QUILT Classes 80-82.

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

C229080 Hand Quilted

C229081 Sewing Machine Quilted

C229082 Long Arm Quilted - non computerized/hand guided

C229083 Long Arm Quilted – computerized

QUILT DESIGN OTHER THAN FABRIC

Quilt Design other than Fabric. Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Please note this is the Home Environment information sheet:

C229020 Quilt Designs other than Fabric - Two or three dimensional item with quilt design made using medium other than fabric - such as stained glass, paper, etc.

QUILTED EXHIBITS

C229040 Wearable Art. Quilted clothing or clothing accessory which must have a recognizable amount of quilting and may include fabric manipulation. Quilting must be done by the 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.

C229041 Inter-Generational Quilt- A quilt made by 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?

C229042 Service Project Quilt - A quilt constructed by a 4-H member or group to be donated to a worthy cause. On a half sheet of 8 ½ x11 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 used including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you do and what was done by others? D) What did you learn that you can use on your next project?

Classes 50-52 - PIECED QUILTS MADE UP OF SQUARES AND/OR RECTANGLES.

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

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

C229052 Large - length + width = over 120"

Classes 60-62 - in addition to methods in classes 50-52 quilts may have TRIANGLES, AND/OR MAY BE EMBROIDERED.

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

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

C229062 Large - length + width = over 120"

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

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

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

C229072 Large - length + width = over 120"

Rules:

Please note the description of Classes. They denote degree of difficulty in construction and not the number of years in the project. A quilt consists of 3 or more layers. All quilted exhibits must be quilted (machine or hand,) or tied. All quilt piecing and finishing must be the sole work of the 4-H member. Quilting, whether machine or hand quilted, may be done by another individual except for the Premier Exhibitor quilt. 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 that you can use on your next project?

HEALTHY LIFESTYLES

Foods, Nutrition & Food Preservation

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

A \$25 cash award for the best pie from Cooking 401 Class E413001 or County Only Pie class E941937. (This award is provided by the Dennis Valentine Family as a memorial to Alene Valentine and her love for baking pies).

Supportive Information: ALL FOOD EXHIBIT PRODUCTS MUST INCLUDE A RECIPE.

Recipe may be handwritten, photocopied, or typed. Place the food on the appropriate size plate. Put exhibit in a self-sealing bag. Attach entry tag and recipe at the corner of the bag on the outside.

Criteria for Judging: Exhibits will be judged according to score sheets available. Make sure to follow all entry instructions required for your exhibit. Incomplete exhibits will be lowered a ribbon placing. **Commercially prepared mixes are allowed in the Cooking 201 Creative Mixes (C 2) exhibit ONLY.** Prepared baking mixes, biscuit mixes, or other pre-made mixes entered in other categories will be lowered a ribbon placing.

Food Projects: Exhibits should be exhibited using disposable materials, disposable pan, paper plate and plastic self-sealing bag.

Ingredients: any ingredient that the 4-H member cannot legally purchase, such as beer, whiskey, rum, etc. may not be used in any recipe of Foods exhibit. Exhibits that include alcohol in the recipe will be disqualified.

Food Safety - exhibits are on display for several days. Please think FOOD SAFETY! Items that require refrigeration will not be accepted, judged or displayed. Food products must be unquestionably safe to eat when they are entered, whether tasted or not. Glazes, frostings and other sugar based toppings are also considered safe due to the high sugar content. Egg glazes on yeast products and pie crusts before baking are acceptable. Eggs incorporated into baked goods or crusts are considered safe

The following food ingredients are considered unsafe for fair exhibits and will be disqualified:

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

Resources: 4-H Manuals, Cooking 101, 201, 301, 401 or Food Preservation.

DIVISION 350 GENERAL – open to all enrolled in a foods project

E350001 Food Science Explorations (SF152). 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. Consider neatness and creativity.

E350002 Foods, And Nutrition Poster, Scrapbook, or Photo Display (SF 122) 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. Consider neatness and creativity.

E350003 Physical Activity And Health Poster, Scrapbook, or Photo Display (SF 122) Open to any 4-H'er enrolled in a Foods and Nutrition project, 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. Consider neatness and creativity.

E 350004 Cooking Basics Recipe File (SF151) Collection of 10 recipes from any source. Each recipe may accompany a completed menu in which the recipe is used. An additional 10 recipes may be added each year 4H'er is in project, with year clearly marked on recipes. Display in recipe file or in a 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** *(county only beginning project)*

- *E401901 **Cookies** (any recipe - 4 on a paper plate).
- *E401902 **Muffins** (any recipe - 4 on a paper plate).
- *E401903 **No Bake Cookie** (any recipe, 4 on a paper plate)
- *E401904 **Cereal Bar Cookie** (any cereal based recipe made in pan and cut into bars or squares for serving)
- *E401905 **Granola Bar** (any recipe - 4 on a paper plate).
- *E401906 **Brownies** (any recipe - 4 on a paper plate).
- *E401907 **Snack Mix** (any recipe, at least 1 cup in self-sealing plastic bag)

DIVISION 410 – COOKING 201

E401001 Loaf Quick Bread SF128 (any recipe) - At least $\frac{3}{4}$ of a standard loaf displayed on a paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. Standard quick bread loaf measures approximately 8 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ " or 9" x 5". If mini-loaf pans are used for exhibit, two loaves must be presented for judging.

E410002 Creative Mixes SF142 - (any recipe, at least $\frac{3}{4}$ of 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 or different baked item. Examples include poppyseed quick bread from a cake mix, cake mix cookies, sweet rolls made from readymade bread dough, monkey breads from biscuit dough, streusel coffee cake from a cake mix, etc. **Write what you learned about making this product using a mix instead of a homemade recipe or recipe "from scratch". Does it make it better or easier to use a convenience product or mix? Why or why not?**

- E410003 **Biscuits or Scones** (SF136) - Four biscuits or scones on a small paper plate. This may be any type of biscuit or scone: rolled, dropped. Any recipe may be used, but it must be a non-yeast product baked from scratch.
- E410004 **Healthy Baked Product** (SF124) - (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 contain a fruit or vegetable as part of the ingredients (Ex. Banana bars, cantaloupe quick bread, zucchini muffins, etc.)
- E410005 **Coffee Cake** (SF 129) 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 410006 **Baking with Whole Grains** (SF 134) 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.)
- E410007 **Non-Traditional Baked Product** (SF 133) exhibit must include a food product prepared using a non-traditional method (i.e. bread machine, cake baked in 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.

DIVISION 411 COOKING 301

Any bread item prepared or baked using a bread machine should be entered under the Cooking 101, Non-Traditional Baked Product. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without assistance of a bread machine for mixing, rising, or baking of the food item.

- E411001 **White Bread** (SF138) any yeast recipe - At least 3/4 of a standard loaf displayed on a paper plate.
- E411002 **Whole Wheat or Mixed Grain Bread** (SF138) (any yeast recipe) - At least 3/4 of a standard loaf displayed on a paper plate.
- E411003 **Specialty Rolls** (SF13) - (any yeast recipe) 4 rolls on a paper plate. May be sweet rolls, English muffins, kolaches, bagels, or any other similar recipe that makes individual portions.
- E411004 **Dinner Rolls** (SF138) - (any yeast recipe) 4 rolls on a paper plate. May be cloverleaf, crescent, knot, bun, bread sticks, or any other type of dinner roll.
- E411005 **Specialty Bread** (SF141) 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.
- E411006 **Shortened Cake** (SF 137) 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 for creaming, and include leavening agents in the recipe. Cakes may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

DIVISION 412 COOKING 401

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

E412001 **Double Crust Fruit Pie** SF144 - 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.

E412002 **Family Food Traditions** SF2012-002 - (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.) 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.

E412003 **Ethnic Food Exhibit** SF146 - (any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan.) The name of the country, culture or region should be included as part of the supporting information with the recipe, as well as some background information about the country or culture the food item is representing.

E412004 **Candy** Scoresheet SF 147) any recipe, 4 pieces of candy on a paper plate or ½ cup. No items contain cream cheese will be accepted (Ex: 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.

E410005 **Foam Cake** SF134 - 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. Cakes may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

E413006 **Specialty Pastry** SF143 - (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.) Baked items such as pie tarts, puff pastry, phyllo doughs, scones, 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 940 - CAKES** -County only exhibit

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

Items in this group should be made from scratch using basic ingredients. Display with recipe on a 4"x6" card. Display on cardboard cut 1" bigger than cake. Cover with appropriate bag or wrap.

*E940931 **Angel food cake**, without frosting, 3/4 cake

*E940932 **Chiffon cake**, without frosting, 3/4 cake

*E940933 **Yellow sponge cake**, without frosting, 3/4 cake

*E940934 **Butter cake**, without frosting, 3/4 cake

*** DIVISION 941 - PIES** - *county only exhibit*

Purple - \$2.50 Blue - \$2.00 Red - \$1.50 White - \$1.00

Items in this group should be made from scratch using basic ingredients. Display with recipe on a 4"x6" card.

*E941935 **Pie shell, baked with lard**

*E941936 **Pie shell, baked, other shortening**

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

*E941937 **Fruit pie** - one piece left on display after judging. Remainder may be sold at the 4-H foodstand.

*** DIVISION 942 - CAKE DECORATING** - *county only exhibit*

Purple - \$2.50 Blue - \$2.00 Red - \$1.50 White - \$1.00

*E942931 **Sample Board** - a 12" x 12" piece of cardboard with the following samples (each sample should be 5" in length) labeled as to tip and sample:

- * 2 styles of borders - 1 row each
- * 1 row script or lettering
- * 1 row of your choice
- * 3" x 4" rectangle filled with 1 color stars from star tip

*E942932 **Decorated cake, cupcakes** (quantity of 6) or form - include card on how you plan to use the cake.

*E942933 **Sample Board** - 12" x 12" piece of cardboard.

- *Examples of 4 types of flowers
- *Examples of 1 type of leaf
- *3 styles of borders - 1 row each
- *1 row script or lettering
- *2 rows of your choice

*E942934 **Decorated cookie**

*** DIVISION 943 - BREAD MACHINE FUN** - *county only exhibit*
all foods exhibitors are eligible to make entries here

Purple - \$2.50 Blue - \$2.00 Red - \$1.50 White - \$1.00

Although this is not a project, this class will allow you to enter products made with your bread machines. Box mixes are not allowed. Include recipe and settings used.

Submit 3/4 loaf or quantity of 4 on a plate.

*E943931 **Yeast bread** - any kind

*E943932 **Dinner rolls** - shaped

*E943933 **Sweet dough** - (ex. cinnamon rolls, sweetish tea ring)

*E943934 **Quick bread**

*E943935 **Cost comparison educational exhibit** (poster or display)

FOOD PRESERVATION

ALL FOOD ITEMS MUST INCLUDE A RECIPE. ONE ENTRY PER CLASS

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. Improperly canned or potentially hazardous food items will be disqualified. Spoiled or unsealed container disqualifies entry.

Jars do not need to be the same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated 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.

Current Project – All canning must be the result of this year's 4-H project

Criteria For Judging – exhibits will be judged according to score sheets available at your local Extension office or the State Fairbook at <http://fairbook.unl.edu/fairbookview.php/rules>. Incomplete exhibits will be lowered a ribbon. Canned food items not processed according to altitude in the county will be lowered one ribbon. Check with your local extension office or this site <http://food.u:nl.edu/canning#elevation> for your county's attitude and how that affects food processing times and pounds of pressure.

Labeling: Jars should be labeled with the name of the food item, name of the 4-H'er, county and date of processing on the bottom of each jar. Each bag containing dried foods should also be labeled with the name of the food item, the name of the 4-H'ers, county and drying date. Multiple dried food exhibits should be secured by a rubber band or "twisty" to keep exhibit containing the 3 self-sealed bags together.

Recipe/ Support Information– Recipe must be included, may be handwritten, photocopied or typed. Commercially prepared seasoning mixes are not allowed. Current USDA guidelines for food preservation methods **MUST** be followed.

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 name of product and date of processing.

Write plainly on a label and paste or tape securely on jar bottom. In addition:

All canned foods must include the following support information:

1. Name of product
2. Date preserved
3. Method of preservation (pressure canner or water bath canner)
4. Type of pack (raw pack or hot pack)
5. Altitude (and altitude adjustment if needed)
6. Processing time
7. Number of pounds of pressure (if pressure canner used)
8. Drying method and drying time (for dried food exhibits).
9. Recipe and source of recipe (if a publication, include name and date).

Recipes can come from any source but current USDA guidelines for food preservation methods **MUST** be followed. Check website for current guidelines.

Premiums for exhibits and single jar exhibits:
 Purple - \$2.50 Blue - \$2.00 Red - \$1.50 White - \$1.00

Premiums for Multi-jar exhibits:
 Purple \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

DIVISION 406

Unit 1 FREEZING PROJECT

E406001 Baked item made with frozen produce – any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a food item preserved by the freezing method done by the 4-H'er. EX. Peach pie, blue berry 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.

DIVISION 407 UNIT 2 DRYING PROJECT

E407001 Dried Fruit - Exhibit 3 different examples of dried fruit. Place each dried fruit food (6-10 pieces of fruit, minimum 1/4 cup) in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E407002 Fruit Leather - Exhibit 3 different examples of 3 different fruit leathers. Place a 3-4" sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E407003 Vegetable Leather – exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3-4" sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E407004 Dried Vegetables - Exhibit 3 different samples of dried vegetables. Place each food (1/4 cup of each vegetable) in a separate self-sealing bag. Use a "twisty" to keep exhibit together.

E407005 Dried Herbs - Exhibit 3 different samples of dried herbs. Place each food (1/4 cup of each herb) in a separate self-sealing bag. Use a "twisty" to keep exhibit together.

E407006 Baked Item Made With Dried Produce/Herbs – any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a dried produce/herb item made by the 4-H'er. 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.

DIVISION 408 UNIT 3 BOILING WATER CANNING

E408001 1 Jar Fruit Exhibit - One jar of a canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.

E408002 **3 Jar Exhibit** - Exhibit 3 jars of different canned fruits. May be three different techniques for same type of product, ex. Applesauce, canned apples, apple pie filling, etc. Entry must be processed in the boiling water bath according to current USDA recommendations.

E408003 **1 Jar Tomato Exhibit** - One jar of a canned tomato product. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408004 **3 Jar Tomato Exhibit** - Exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a boiling water bath according to current USDA recommendations.

E408005 **1 Jar Pickled Exhibit** - One jar of a pickled and/or fermented product. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408006 **3 Jar Exhibit** - Three jars of different kinds of canned pickled and/or fermented products. Entry must be processed in a boiling water bath according to current USDA recommendations.

E408007 **1 Jar Jelled Exhibit** - One jar of a jam, jelly or marmalade. Entry must be processed in a boiling water bath according to current USDA recommendations.

E4080408 **3 Jar Jelled Exhibit** - Three different kinds of jelled products. Entry may be made up of either pints or half pints. Entry must be processed in a boiling water bath according to current USDA recommendations.

DIVISION 414 UNIT 4 PRESSURE CANNING PROJECT

E4140001 **1 Jar Vegetable OR Meat Exhibit** - One jar of a canned vegetable or meat. Include only vegetables and meat canned in a pressure canner according to current USDA recommendations.

E4140002 **3 Jar Vegetable Exhibit** - Three jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to current USDA recommendations.

E4140004 **3 Jar Meat Exhibit** – exhibit 3 jars of different kinds of canned meats. Include only meats canned in a pressure canner according to current USDA recommendations.

E414004 **Quick Dinner** - Exhibit a minimum of 3 jars to a maximum of 5 jars plus menu. Meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3" X 5" file card and attach to one of the jars. Entry must be processed according to current USDA recommendations.

E414005 **Jar Tomato Exhibit** - One jar of a canned tomato product. Entry must be processed in a pressure canner according to current USDA recommendations.

E414006 **3 Jar Tomato Exhibit** - Exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a pressure canner according to current USDA recommendations.

Division 300 YOUTH In Motion (county only)

- *E300901 **Youth in Motion Poster, Scrapbook or Photo Display** – Exhibit about the 4-H'er or the 4-H'ers family involved in a physical activity or concept/lesson involving this project. This might contain pictures, captions, and/or reports about the physical activity the individual or family did as a result of taking this project.
- *E300902 **Activity Bag** - A duffle bag or backpack that a 4-Her packs so that they are always prepared to be active and make healthy food choices. May include proper workout attire, a healthy beverage and snack, a notebook/goal sheet, etc. Make sure all items are clean, clearly labeled and an explanation of why it is included in the Activity Bag. DO NOT put valuable items (i.e. electronics) in Activity Bag, instead use a picture of the item or include in the listing of items.
- *E300903 **YOUTH in Motion Healthy Snack Recipe File** - collection of 10 recipes from any source. Each recipe must accompany a complete snack menu in which the recipe is used following the idea that a healthy snack includes foods from at least two different food groups. An additional 10 recipes may be added each year 4H'er is in project, with year clearly marked on recipes. Consider creativity and neatness. Display in recipe file or box, or a binder. Be sure to include the number of servings or yield of each recipe.
- *E300904 **Healthy Lifestyle Interview** - Interview someone in your life that you have admired that is physically active or has a healthy lifestyle. Why do they enjoy their exercise program? What are their goals? Why do you admire them? Maximum of two pages, one sided write up of an interview with someone who has an active exercise program or has a healthy lifestyle. Consider creativity and neatness. Mount on colored paper or poster board or display in binder. Include a picture of the person interviewed. (May be laminated to preserve exhibit). Overall size of mounted exhibit should be no larger than 9 x 12 inches.
- *E300905 **Healthy Snack** - See ideas for non-perishable snacks on page 36. Four cookies, bars, muffins, etc., on a paper plate or at least 1 cup of mix, (examples might include: granola bars, homemade crackers or chips). Supporting information to include recipe and why this snack menu might be considered a healthy snack.

Healthy Lifestyle - Safety

DIVISION 440 - CITIZEN SAFETY

Purple \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

In this category 4-H'ers have the opportunity to create exhibits from fire and basic safety strategies. Through involvement in this category, 4-H'ers will be better educated about personal safety and knowledge base to educate others about safety.

FIRST AID KIT:

E440001 - A **first aid kit** is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kit's intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items should cover the following areas: airway and breathing, bleeding control, burn treatment, infectious disease protection, fracture care and miscellaneous supplies. Use Citizen Safety manual, 4-H 425, pages 6 & 7 for guidance.

Kits containing any of the following will be automatically disqualified:

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

E440002 - Disaster Kits (Emergency Preparedness) (SF111) must contain the materials to prepare a person or family for emergency conditions caused by a natural or man-made incident. Selection of materials is left to the exhibitor. Family or group kits must have enough material or items for each person. A description of the kit's purpose, the number of people supported and a list of contents is required. Youth are encouraged to test their kit by challenging their family to try to survive using only the included materials for the designated time. If tested, share that experience in kit documentation. Please include an explanation of drinking water needs for your disaster kit. Do not bring actual water to the fair in the kit.

E440003 - Safety Scrapbook (SF190) must contain 15 news articles from print and/or internet sources about various incident types. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The Scrapbook should be bound in a standard size hardcover binder or notebook for 8 ½" X 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

E440004 - Safety Experience (SF190) The exhibit should share a learning experience the youth had related to safety. Examples could be participating in a first aid or first responder training, a farm safety day camp, babysitting workshop or similar event; scientific experiment related to safety; or the youth's response to an emergency situation. The exhibit should include a detailed description of the experience, the youth's role, some evidence of the youth's leadership in the situation and a summary of the learning that took place. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes.

E440005 - Careers In Safety (SF191) The exhibit should identify a specific career area in the safety field and include education and certification requirements for available positions, salary information, demand for the field and a summary of the youth's interest in the field. Examples of careers include firefighters, paramedics, emergency management personnel, some military assignments, law enforcement officers, emergency room medical personnel, fire investigator and more. It is recommended youth interview a professional in the field in their research. Additional research sources might include books, articles, career web sites, job-related government web sites or interviews with career placement or guidance counselors. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes.

Division 450 - FIRE SAFETY

Purple \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

FIRE SAFETY POSTER

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

FIRE SAFETY SCRAPBOOK

E450002 - The scrapbook must contain 10 news articles from print and/or internet sources about fires to residential or commercial properties or landscapes. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The Scrapbook should be bound in a standard size hardcover binder or notebook for 8 ½" X 11" size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.

FIRE PREVENTION POSTER

E450003 - Posters should promote a fire prevention message and be appropriate to display during National Fire Prevention Week or to promote fire safety at specific times of the year (Halloween, 4th of July, etc.). Originality, clarity and artistic impression will all be judged. Do not include live fireworks, matches or other flammable/ explosive/ hazardous materials. Any entry containing this material will be disqualified. Posters must be constructed of commercial poster board at least 11" x 14" but not larger than 22" x 28".

DIVISION 531 - ENTREPRENEURSHIP

ESI: Entrepreneurship Investigation Blueprint

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

Entrepreneurship exhibits help participants learn more about starting a business, developing products, and marketing strategies. Participation in this category will give 4-H'ers experience in the entrepreneurial world. The purpose is to help 4-H'ers prepare for the business world.

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

2. **Exhibit Guidelines:** If 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 the size or content guidelines will be lowered one ribbon placing. Posters may include photograph, charts or examples as well as a written explanation. Posters may be laminated to protect them.

ESI UNIT 1 DISCOVER THE E-SCENE

F531001 Interview an Entrepreneur. Share what you learned from the person about starting and running a business or how they deliver excellent customer service. How will what you have learned through this interview change your future plans or ways of thinking about business? (Based on pages 2.1 - 2.4 of manual)

ESI UNIT 2 THE CASE OF ME

F531002 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

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

F531004 Sample of an Original Product with an information sheet (8 ½ " x 11 ") answering the following questions:

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

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

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

ENTREPRENEURSHIP CHALLENGE – ALL UNITS - open to 4-H'ers enrolled in any of the three units of ESI.

F531006 Entrepreneurship Challenge – take on the entrepreneurship challenge. Complete five or more of the challenges from the following list. The exhibit will include highlights from these 5 challenges. Consider labeling each challenge so the viewer will understand what the challenge way. 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 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 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.)

CONSERVATION AND WILDLIFE

Project areas includes: Exploring your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior, Fishing, Wildlife Conservation, Geology

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

1. **Show What You Did And Learned** - All exhibitors are encouraged to show evidence of their personal field experiences, observations that relate to their exhibit. This helps judges understand what was done and what was learned in the process that led to the exhibit.
2. **Proper Credit** - Show proper credit by listing the sources of plans or other supporting information used in exhibits.
3. **Whose Exhibit?** Label the name, county age on back or bottom of all displays.
4. **Wildlife & Wildlife Laws** – "Animal or Wildlife" in the following instructions includes wild fish, amphibians, reptiles, birds or mammals. Follow wildlife laws; for example: wildlife laws do not allow collection of bird nests, eggs or any of their parts.
5. **Project Materials:** Related project booklets include Exploring Your Environment, 4-H Shooting Sports, Amphibians, Bird Behavior, Fishing, Wildlife Conservation, Outdoor Skills.
6. **Board And Poster Exhibits** - these are displays that show educational information about a topic of interest. Board exhibits can hold objects such as fishing equipment or casts of animal tracks. Mount all board exhibits on 1/4" plywood, Masonite or similar panel 24" high by 24" wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 by 28") but half size, 22 by 14" is recommended. Scoring - sample score sheets are available on the web page at 4h.unl.edu

DIVISION 340 - Wildlife/Conservation

D340001 **Mammal Display**

D340002 **Bird Display**

D340003 **Fish Display**

D340004 **Reptile or Amphibian Display**

Classes 1-4 are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat or related conservation. Examples: Life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife. For more ideas, refer to project booklets.

D340005 Wildlife Connections -- *board or poster exhibit*. The purpose of this among animals, plants, and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals or between animals and their habitat. Displays might show how animals interact with other animals, with people, or with their habitat. Examples:

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

D340006 Wildlife Tracks --*board or diorama-type exhibit*. Make a display of animal tracks using plaster-of-paris casts. There are three options. For all option, 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 but not required.

Option 1, should show plaster-of-paris tracks of five, or more kinds of wildlife along with an illustration of each kind of animal.

Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal OR

Option 3 should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.

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

D340008 Wildlife Habitat Diorama -- box must be no larger than 24" by 24". The exhibit might show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor) wetland, and/or other area with wildlife habitat. Example: show a large unbroken grassland or prairie for area-sensitive species such as meadowlarks, greater prairie-chicken, lark bunting, grasshopper sparrows, Ferruginous hawk, burrowing owl, horned lark, upland sandpiper, or pronghorn; AND/OR show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, ring-necked pheasants, mourning doves, cottontail rabbits, fox squirrels, Northern cardinals, or blue jays. Label the habitats displayed and show at least five kinds of wild animals in their proper habitats. .

D340009 Wildlife Essay -- learn how to share educational information by writing.

Choose a conservation or wildlife topic that interests you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values of wildlife on a farm, at a backyard feeder, or at other places. You might write about hunting, fishing, or ethics and proper behavior for hunting or fishing. The essay is between 100 and 1,000 words long and typed, double spaced, on paper.

You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.

D340010 Wildlife Values Scrapbook -- make a scrapbook about the various values of wildlife (commercial value, game value, genetic value, aesthetic value, ecological value, scientific value) following guidelines in the Wildlife Conservation project booklet (4-H 125).

D340011 Wildlife Arts -- the purpose of this C is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, wood carvings, or painted duck decoys. Entries must be appropriate for fair display and no larger than 24" by 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

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

D342002 Feeders/Waterers Make a bird bath or bird feeder. Examples: Seed, suet or nectar feeders. Squirrel feeder okay; no insect feeders. Indicate the kinds of animal(s) for which the feeder or waterer is intended. Make the feeder or waterer functional so that it fits wildlife needs. Include the following information: 1) where and how the feeder or waterer should be located for best use, 2) how it should be maintained. Tips: check NebGuide on feeding birds.

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

DIVISION 343 - HARVESTING EQUIPMENT

D343001 Fish Harvesting Equipment - *board exhibit*. Display of equipment used in fish harvesting. Examples: fishing know, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: the purpose of each item, when or where it is used in relation to other equipment and indicate personal experiences you've had with the item.

D343002 Build a Fishing Rod -- build your own fishing rod for exhibit and for fishing use. Rod building blanks and kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches length. Exhibit must be mounted on a board and labeled with the member's name, county and class number.

-Include with the exhibit the following items as a brief attachment: Explanation of cost of materials/components, where materials/components were purchased, how many number of hours required for construction.

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

D343003 Casting Target -- make a casting target for exhibit and use the following guidelines. Target must be under 36" x 36". The bullseyes/rings must be 1 foot in diameter and can have up to 3 rings. They must be easy to store, durable, and weather resistant.

D343004 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 displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed. Include in your exhibit the following information: the purpose of each item, when or where it is used in relation to other equipment, and any personal experiences you've had with the item(s).

D343005 Inventing Wildlife/Fish Harvesting Equipment, Air 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

D346001 Taxidermy - any legal fish bird, or other wild animal properly processed by the member. No requirements as to size or mounting. Include the following information: 1) the animal's name and 2) information about exhibitor's personal field experience, study or observations that relate to exhibit.

DIVISION 347 - 4-H SHOOTING SPORTS

4-H Shooting Sports requires youth to be under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle (bb gun), archery, pistol, blackpowder/muzzleloader, and/or hunting skills. No firearms can be entered as an exhibit, nor live ammunition; however information can be shared through pictures.

Classes 004-009 can be entered by anyone in the conservation and wildlife area.

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

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

D347003, Practice Game or Activity – invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for the game.

Explain how you came up with the game or adapted it to fit the needs of your group members.

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

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

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

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

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

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

***D347920, Project of your choice County Only.** Could be a display or Educational Poster showing knowledge learned by participating in Shooting Sports.

DIVISION 361 - Other Natural Resources – Geology -

D361001 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.

Geology displays – County only

Display in a box of your choice, no larger than 24" x 24" x 3". If the box has a sliding cover, use plexiglass (not glass). Arrange and secure rock collection with label located below specimen. Label should include the specimen, date collected, specimen name or description and locality (county where collected).

- *D361901 Field Trip tools – put together a kit of items helpful for collecting rocks. Make a list naming each and telling why you choose what you did for your kit.
- *D361902 Display and label at least 15 different rocks.
- *D361903 Display at least 30 different rocks, minerals, and fossils. Display by proper groups.
- *D361904 Create an art display/project utilizing small rocks you have found.

ENVIRONMENTAL EDUCATION & EARTH SCIENCES

DIVISION 320 - FORESTRY

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

1. The official reference for all forestry projects is The Tree Identification Manual (4H332). Other helpful forestry references include Trees of NE (EC 9201774-X), Leafing Out (4H431) and Plant a Tree (EC 17-11-80).
2. Display Board must be made from wood or wood composite, e.g. plywood, fiberboard or Masonite 1/4" to 1/2 " thick and no larger than 24 x 24". Display boards may be coated, e.g., painted, varnished on both sides to prevent warping.
3. Display posters must be made from a material, e.g. foam board or poster board that will stand upright without buckling, and will be no larger than 24" x 24".
4. Display books must measure no more than 16 x 16".
5. At least 5 of the 10 samples in C 2,3,4, and 5 must be from the list of 60 species described in 4-H 332. Samples must be from 10 different tree species. For example, Emerald Queen Maple and Crimson King Maple are both varieties of the same species (Norway Maple), and thus have the same genus and species name, i.e., *Acer platanoides*. All samples must be from trees, NO shrubs. If more than 10 samples are included in the display, only the first 10 samples from the current year will be judged.
6. Due to emerald ash borer infestation, no true ash species (Green Ash, White Ash, Black Ash or Blue Ash) may be included in any collections. Inclusive of a true ash species will result in the project being disqualified.
7. Remember that other general labeling standards apply. For example scientific names are always italicized or underlines. Also, the first letter of a Genus name is always capitalized. The first letter of a species name is always lower case. When required, always indicate complete scientific names (Genus and species) and common names, (e.g. Norway Maple) even when variety names are included. For example, the scientific name of Emerald Queen Maple is *Acer platanoides* and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variety names are not required.
8. How well the exhibitor follows written directions is an important factor in judging.

D320001 DESIGN-YOUR-OWN EXHIBIT

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

D320002 LEAF DISPLAY

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

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

Mounting: Leaves may be displayed in a notebook or on a display board. Any method may be used to mount leaves, but be sure all their features can be identified.

Labeling: The label for each sample must include:

- 1) common name
- 2) scientific name
- 3) leaf type
- 4) Leaf arrangement (for broadleaf trees)
- 5) leaf composition (for broadleaf trees)
- 6) collector's name
- 5) collection date
- 8) collection location (be specific, state and county at a minimum).

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

Supporting information, e.g. general uses, common products, fall color, etc., may be included with the display to enhance its educational value.

D320003 TWIG DISPLAY

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

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

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

Labeling: The label for each sample must include;

- 1) common name
- 2) scientific name
- 3) leaf arrangement (for broadleaf trees)
- 4) collector's name
- 5) collection date
- 6) collection location (be specific, state and county at a minimum).

Supplemental information, e.g. general uses, tree characteristics, etc., may be included with the display to enhance its educational value.

D320004 SEED DISPLAY

The seed display must include seed samples from at least 10 different tree species.

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

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

Labeling: The labels for each sample must include:

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

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

D320005 WOOD DISPLAY

The wood display must include wood samples from at least 10 different tree species.

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

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

Labeling: Label each sample must include:

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

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

D320006 CROSS SECTION DISPLAY

Display a disc cut from a tree species listed in 4H 332. The sample must be collected, by the exhibitor, within one year of the state fair judging day. The disc must measure 6 to 12 inches in diameter and 1 to 3 inches thick. The bark should be firmly attached,

which may be difficult if the tree was dead when the disc was cut. Sand at least one side of the disc so the grain can be easily seen. If the disc is treated with a clear finish, both sides must be treated to minimize warping. As the disc dries, some cracking or checking can be expected and is allowed.

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

- 1) pith
- 2) heartwood
- 3) sapwood
- 4) one growth ring (beginning and end)
- 5) cambium
- 6) bark

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

- 7) common name
- 8) scientific name
- 9) tree Classification (softwood or hardwood)
- 10) age (of the cross section)
- 11) collector's name
- 12) collection date
- 13) collection location (be specific, state and county at a minimum).

D320007 PARTS OF A TREE (This project is only for ages 8 – 11)

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

- a) Trunk
- b) Crown
- c) Roots
- d) Leaves
- e) Flowers
- f) Fruit
- g) Buds
- h) Bark

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

D320008 LIVING TREE DISPLAY

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

Labeling: A waterproof label must be attached and include:

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

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

AGRONOMY

(Projects related to Field Crops - Weed Science - Range)

DIVISION 750 – FIELD CROPS

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

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

NOTE: Clay County will allow 2 exhibits per Class number so as to allow both a plant and grain to be exhibited. If selected for State Fair, only **one** will be eligible.

A. A completed Crop Production Worksheet (available at <https://cropwatch.unl.edu/Youth/Documents/Crop> must accompany grain and plant exhibits or will automatically be deducted one ribbon placing.

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

*Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g. corn or soybeans) may be from the previous year's project.

*Plant exhibits with the exception of ears of corn, must be the result of the current years project.

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

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

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

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

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

CLASSES

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

G750002 **SOYBEANS**

G750003 **OATS**

G750004 **WHEAT**

G750005 **ANY OTHER CROP** (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower. etc.)

**Second exhibit opportunity available on the county level.* This gives the 4-Her an opportunity to make an entry with both plant and grain. If entering both plant and grain, only one can be selected for state fair.

*G750931 **CORN** - yellow (includes yellow, white, pop, waxy or any other type)

*G750932 **SOYBEANS**

*G750933 **OATS**

*G750934 **WHEAT**

*G750935 **ANY OTHER CROP**

*G750931 **TALLEST SINGLE CORN PLANT** – *County only entry* (plant will be measured from ground line to tip of tassel). Include a one page report on what you did and learned.

DISPLAYS

- A. 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.
- B. Each display must have a one page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside. If a display does not have an essay, it will automatically be deducted one ribbon placing.

Classes:

G750006 **CROP PRODUCTION DISPLAY** - The purpose of this C is to allow original and creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, pest management, etc.

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

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

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

G750010 **CAREER INTERVIEW DISPLAY** –the purpose of this C is to allow youth to investigate a career in agronomy. Youth should interview 1 person that works with crops about such topics as what part 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, educational information about soils, such as how soils are being used for crop production, range, conservation, wildlife, or wetland use.

DIVISION 751 - WEED SCIENCE

Purple - \$2.50 Blue - \$2.00

Red - \$1.50

White - \$1.00

- A. Any Individual in Conservation, Environment 1,2,or 3, Range, Reading the Range 1 or Using Nebraska Range 2, or Crop Production, Field Crops projects may exhibit weed book or weed display. St least 15 of the specimens must represent this year's work. For assistance identifying plants, refer to the *NE Department of Agriculture's Weed of Nebraska and the Great Plains* (1994) or *Weeds of the Great Plains* (2003)
- B. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness and conformity to exhibit requirements. Refer to Scoresheet SF261.

Books - Plants must be mounted on sheets that are no larger than 14" wide by 14" high. Proper plant mount should include root as well as stem and leaf tissue. Plants should be glued rather than taped and the mounts should be protected with a clear cover. 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). 2) Common name. 3) County of collection. 4) Collection date. 5) Collector's name. 6) Personal collection number indicating the order that plants were collected in your personal collection. 7) Other information, depending on C selected, i.e., noxious, life form. This information should be typed or printed neatly.

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) on no larger than 28" x 28" 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 clear plastic cover with the exhibitor's name outside.

G751001 WEED IDENTIFICATION BOOK - A collection of a minimum of 15 plant mounts 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.

G751002 LIFE SPAN BOOK - a collection of 7 perennials, 1 biennial, and 7 annual weeds.

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

DIVISION 330 - Range Management

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

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

- A. Each exhibit must be properly identified with Unit and Class
- B. All plant displays and display covers must be the result of the current year's work.
- C. 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 Contest Guide (EC150 revised July 2016), Common Grasses of Nebraska (EC170), and Common Forbs and Shrubs of Nebraska (EC118).
- D. 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.

D330001 VALUE AND IMPORTANCE FOR LIVESTOCK FORAGE AND WILDLIFE HABITAT AND FOOD BOOK - A collection of 12 different plant mounts, with 4

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

D330002 LIFE SPAN BOOK- A collection of 6 perennial plant mounts and 6 annual plant mounts selected from grasses or forbs.

D330003 GROWTH SEASON BOOK -A collection including 6 cool-season grass mounts and 6 warm-season grass mounts.

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

D330005 MAJOR TYPES OF RANGE PLANTS BOOK - A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like, and 3 shrubs.

D330006 RANGE PLANT 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.

D330007 PARTS OF A RANGE PLANT POSTER – Mounted a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner including the scientific and common name of the plant. . Include your name and county on the back of poster.

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

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

BOOKS: Plants must be mounted on sheets that are no larger than 14" wide x 14" high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue. Exhibit will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness and conformation to project requirements. Each completed mount must have the following information: 1) Scientific name (in italic or underlined). 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.

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" x 28" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side. Refer to Scoresheet SF259.

BOARDS: Boards should be no larger than 30" wide by 36" tall. Boards should be adequately labeled. .

***DIVISION 760 INSECTIGATOR (county only)**

Purple - \$2.50 Blue - \$2.00 Red - \$1.50 White - \$1.00

Create an "insect" using common materials available to you (some ideas might be: clay, egg cartons, paper, clothes pins, paper clips, glue, paints...) Include an 8 2 x 11 poster sharing information about the insect you create, such as where it may be found, what it eats, what eats it...) This is a place to be creative and have fun as you learn about insects.

***D760-910** Insect that resembles a favorite insect.

***D760-911** Invent an insect - be creative

HORTICULTURE

Fill out and submit the Horticultural entry sheet with cultivar names of entries to be printed on entry card. Due June 15

Purple - \$2.50 Blue - \$2.00 Red - \$1.50 White - \$1.00

DIVISION 770 – FLORICULTURE

The purpose of Horticulture is to encourage participants to start and maintain vegetable gardens. In addition, 4-H'ers can participate in planting, growing, and caring for flowers. This is also a special gardening project in this category that 4-H'ers can participate in.

For the Clay County Fair, an exhibitor may enter a maximum of 5 from Classes 1- 45 and an additional 2 entries of notebooks, poster, history interview, houseplant Classes.

One entry per person per Class number. Exhibitors at the State Fair may exhibit a maximum of 4 entries per person in Classes 1- 45. Youth must be enrolled in the

World of Flowers, Annual Flowers, Houseplants and/or Special Garden Project.

The cultivar or variety name must be included with entry, labeled on an **index card**.

Failure to do so will drop 1 ribbon placing. *A pre-entry form was made available in the*

spring time to utilize in planning exhibits and recording cultivar names.

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 & overwinters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.

CUT FLOWERS: All 3 or 5 stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors. Containers will not be judged, however, they should be clear glass containers and adequate size to display blooms. Containers may not be returned from State Fair exhibits.

Follow the guidelines in ***“Preparing Cut Flowers for Exhibits” 4-H227*** or (free download-<http://4h.unl.box.com>) when preparing entries for the fair

Cut Flowers - Annuals & Biennials -Five (5) stems of a single variety (cultivar) unless otherwise noted. They should be the same variety and color.

ANNUALS

- G770001 Aster
- G770002 Bachelor Buttons
- G770003 Bells of Ireland
- G770004 Browallia
- G770005 Calendula
- G770006 Celosia (crested or plume) 3 stems
- G770007 Cosmos
- G770008 Dahlia
- G770009 Dianthus
- G770010 Foxglove
- G770011 Gladiolus (3 stems)
- G770012 Gomphrena
- G770013 Hollyhock (3 stems)
- G770014 Marigold
- G770015 Pansy
- G770016 Petunia
- G770017 Salvia
- G770018 Snapdragon
- G770019 Statice
- G770020 Sunflower (under 3" diameter-5 stems, 3" or more in diameter - 3 stems)
- G770021 Vinca
- G770022 Zinnia
- G770023 Any other annual or biennial (under 3" diameter-5 stems, 3" or more in diameter-3 stems) do not duplicate entries in Classes 1-22

PERENNIALS – cut 5 stems of a single variety (cultivar) unless noted in parenthesis.

- G770030 Achillea/Yarrow
- G770031 Chrysanthemum
- G770032 Coneflower
- G770033 Coreopsis
- G770034 Daisy
- G770035 Gaillardia
- G770036 Helianthus
- G770037 Hydrangea (3 stems)
- G770038 Liatris (3 stems)
- G770039 Lilies (3 stems)
- G770040 Platycodon
- G770041 Rose (3 stems)
- G770042 Rudbeckia/Black-eyed Susan
- G770043 Sedum

- G770044 **Statice** (4 stems)
- G770045 Any Other perennial (under 3" diameter - 5 stems, 3" or more in diameter – 3 stems) (do not duplicate entries in Classes 30-44)
- G770046 **4-H Flower Garden Collection** of 5 different flowers. Each flower in the collection should be exhibited with the number specified for Classes 1-45. Display in a box or other holder not more than 18" in any dimension. Boxes may not be returned. Do not duplicate entries in Classes 1-45 with any in the group collection.

***DIVISION 770 - FLORICULTURE** *(County only)*

- *G770947 **Mixed Perennial** - A mixed exhibit consisting of two stems from each of three (3) types of perennials for a total of six (6) items.
- *G770948 **Mixed Annuals** - A mixed arrangement consisting of two (2) stems from each of three (3) varieties of annuals for a total of six (6) stems.
- *G770949 **Fresh Cut Arrangement**-include more than one variety.

DIVISION 770 - FLORICULTURE -
EDUCATIONAL EXHIBITS

- G77050 **Flower Notebook** – (SF 100) exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least ten different species of annuals and/or biennials and ten different species of perennials hardy to Nebraska. Bulbs may be included in a separate section. 4-H'ers may show more than one cultivar of the same species, but they will only count as one species. The notebook must be the result of the current year's work. Pictures from garden catalogs, hand drawn pictures, or photography 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 examples: needs full sun and dry sandy soil) the species prefers. Bulbs may be included in a separate DIVISION. 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 flower projects must be on the back of the notebook.
- G77051 **Flower Garden Promotion Poster**- (SF 103) Individual poster promoting flower gardening, size 14 x 22" either vertical or horizontal arrangement. Poster may be in any medium: watercolor, ink, crayons, etc. as long as it is not 3-dimensional. Posters using copy righted material will not be accepted. Entry card must be stapled to the upper right hand corner. 4-H member's name, age, address, county and years in the project must be on the back of the poster.
- G77052 **Educational Flower Garden Poster** –(SF104) prepare a poster 14 x 22 x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H flowers or houseplant project. One might show a special technique used or equipment incorporated in the garden. Refer to 4-H horticulture project manuals but use your own creativity. Entry card must be stapled to the upper right hand corner. 4-H member's name, age, address, county and years in project must be on the back of poster.
- G77053 **Flower Gardening History Interview** – (105) neatly handwritten or typed account of a gardening history interview whose **flower** garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden in the individual is still gardening. Protect with a clear report cover. 4-H member's name, address, county and years in the project(s) must be on the back of the report cover.

DIVISION 770 - FLORICULTURE HOUSEPLANTS

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

Youth must be enrolled in the **Growing Great Houseplants** project to exhibit in Classes 60-66. The plant must receive a purple at county fair to advance to the State Fair.

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. Plants should be grown in the display container for a minimum of six weeks. Plants grown as houseplants must be used. NebGuide G2205 "Guide to Growing Houseplants" and NebGuide G837 "Guide to Selecting Houseplants" includes a listing of common houseplants. Containers of annual flowers or annual plants (i.e. petunias, geraniums) will be disqualified and not be judged. Entries in Classes 60-66 must have been designed and planted by the 4-H member.

Contain 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 and terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant in Classes 60-66 that is greater than 12" diameter (inside opening measurement) will be dropped one ribbon placing. Classes 60-66 should provide a saucer to catch drainage water. 4-H members name, age, address, county and years in project must be on the bottom or back of container and saucer. (Score Sheet SF 107).

G770060 **Flowering potted houseplant(s)** that are blooming for exhibition.

Non-blooming plants will be disqualified.

G770061 **Foliage potted houseplant(s)** of all the same variety.

G770062 **Hanging baskets of flowering and/or foliage plants.**

G770063 **Dish gardens** - an open/shallow container featuring a variety of houseplant material excluding cacti/succulents.

G770064 **Fairy or Miniature garden** – a miniature "scene" contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e. bench, fence made from tiny twigs, small shell for a bath tub, etc.

G770065 **Desert gardens** - an open/shallow container featuring cacti and/or succulents grown as houseplants.

G770066 **Terrariums** - transparent container, partially or completely enclosed; sealed or unsealed.

DIVISION 773

VEGETABLES, HERBS, FRUITS & EDUCATIONAL EXHIBITS

Youth must be enrolled in the **Everyone A Gardener, Gardening Unit I-4 and/or Special Garden Project**. An exhibitor may enter a maximum of 5 different Classes of vegetables. A combined total of 5 entries can also be made in the Herb and Fruit Classes. Two additional entries can be made of collections, educational exhibits, displays, notebooks. One entry per C number.

The cultivar or variety name must be included on all entry cards or index card.

Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor. Vegetables in the collection of 5 cannot be the same type as those entered in the single exhibit.

****Follow the guidelines in "Selecting and Preparing Vegetables, 4H226 or free download**

4h.unl.edu/4hcurriculum/preparingvegetablesherbsandfruit. Display entries on paper plates. Exhibit the number of vegetables specified by the number following entry name. Score Sheet SF 108.

May enter 5 vegetable Classes.

- G773201 Beans, Lima - 12
- G773202 Beans, Snap - 12
- G773203 Beans, Wax - 12
- G773204 Beets - 5
- G773205 Broccoli - 2
- G773206 Brussels Sprouts - 12
- G773207 Cabbage, Green - 2
- G773208 Cabbage, Red - 2
- G773209 Carrots, - 5
- G773210 Cauliflower - 2
- G773211 Slicing Cucumbers - 2
- G773212 Pickling Cucumbers - 5
- G773213 Eggplant - 2
- G773214 Kohlrabi - 5
- G773215 Muskmelon/Cantaloupe - 2
- G773216 Okra - 5
- G773217 Onions, yellow - 5
- G773218 Onions, red - 5
- G773219 Onions, white - 5
- G773220 Parsnips - 5
- G773221 Peppers, Bell - 5
- G773222 Sweet (non-Bell) peppers
- G773223 Peppers, Jalapeno - 5
- G773224 Hot (non-jalapeno) Peppers - 5
- G773225 Potatoes, white - 5
- G773226 Potatoes, red -5
- G773227 Potatoes, russet - 5
- G773228 Potatoes, other - 5
- G773229 Pumpkin - 2
- G773230 Pumpkin-Miniature- Jack be little type - 5
- G773231 Radish - 12
- G773232 Rhubarb - 5
- G773233 Rutabaga - 2
- G773234 Squash, summer green - 2
- G773235 Squash, summer yellow - 2
- G773236 Squash, summer white - 2
- G773237 Squash, acorn - 2
- G773238 Squash, butternut - 2
- G773239 Squash, buttercup 2
- G773240 Squash, other winter -2
- G773241 Sweet Corn (in husks) - 5
- G773242 Swiss Chard - 5
- G773243 Tomatoes, red 2" or more diameter- 5
- G773244 Roma or Sauce-type Tomatoes - 5
- G773245 Tomatoes, Salad (under 2" diameter) -12
- G773246 Tomatoes, yellow 2" or more diameter 5
- G773247 Turnips - 5
- G773248 Watermelon - 2
- G773249 Dry Edible Beans - 1pt
- G773250 Gourds, mixed type - 5
- G773251 Gourds, single variety -5
- G773252 Any other vegetable - 2, 5 or 12 (do not duplicate entries in Classes 201- 251)

G773255 **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 Classes (listed above).

G773256. **4-H Cultivar Vegetable Collection.** Vegetables entered in the collection are 5 cultivars from a single exhibit; for example, 5 cultivars of all types of peppers or squash or onion 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 C. (201-251).

DIVISION 773 - HERBS

Herbs will be judged using the same general criteria used for vegetables. Those grown mainly for their seed such as dill and caraway should be exhibited on a plate. Those grown for their leaves such basil, parsley, etc. should be exhibited in a container of water. Containers may not be returned. Potted herb plants will be disqualified. May enter a combined total of 5 herbs or fruits. Score Sheet SF 108.

G773260 Basil - 5

G773261 Dill - 5 (Dry)

G773262 Garlic (bulb)- 5

G773263 Mint - 5

G773264 Oregano - 5

G773265 Parsley - 5

G773266 Sage - 5

G773267 Thyme - 5

G773268 Any other herb - 5 do not duplicate entries in Classes 260-267

G773269 **4-H HERB GARDEN DISPLAY**- display of five different herbs displayed in a box or other holder not more than 18" in any dimension. Each herb in the collections should be exhibited with the number specified for above Classes.

DIVISION 773 - FRUITS

Fruits will be judged using the same general criteria as 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

G773280 Strawberries (everbearers), 1 pint

G773281 Grapes, 2 bunches

G773282 Apples, 5

G773283 Pears, 5

G773284 Wild Plums, 1 pint

G773285 Other small fruit or berries, 1 pint (do not duplicate Classes 280-284)

G773286 Other fruits OR nuts, 5 (do not duplicate Classes 280-284)

- DIVISION 773 - EDUCATIONAL EXHIBITS

G773290 **Garden Promotion Poster** – (SF 103) Individual poster promoting vegetable &/or flower gardening, size 14 x 22" either vertical or horizontal arrangement. Poster may be in any medium as long as it is not 3-dimensional. Posters using copy-

righted material will not be accepted.

G773291 **Educational Vegetable or Herb Garden Poster** - (SF 104) prepare a poster 14 x 22 x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4H'er has done or learned in a 4H Vegetable Gardening project. One 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 4H horticulture project manuals, but use your creativity.

G773292 **Vegetable And/or Herb Gardening History Interview** - (SF 105) Neatly handwritten or typed account of a gardening history interview of someone whose **vegetable or herb** garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their garden if the individual is still gardening. Protect with a clear report cover. The 4-Hers name, age, address, county and years in the project(s) must be on the back of the report cover.

G773293 **Vegetable Seed Display** - (SF 101) 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, address, county, years in the project must be on the back of display.

G773294 **World of Vegetables Notebook** - (SF 102) 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 hand written or typed report telling about a minimum of 5 vegetables and/or 5 herbs from the country chosen. Include the scientific and common names: pictures 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 of plants. Favorite recipes using some or all of the vegetable described may be included. Give proper credit by listing the source of pictures and information used. Protect in a clear report cover. The 4H member's name, age, years in the project(s), complete address and county must be on the back cover of the report.

DIVISION 755 - SPECIAL GARDENING PROJECT -

2020 project is *Magic Bachelor Buttons* (seeds available in Ext. office)

Purple - \$2.50

Blue - \$2.00

Red - \$1.50

White - \$1.00

G-775-001 **Special Garden Project Educational Exhibit** based on what was learned from the project. Present information on a poster 14" X 22" either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member's name, age, full address, and county must be on the back of the poster or report cover. Score Sheet SF109.

G775-002 **Special Garden Project, Fresh Cut Flowers or Harvested Vegetables** - the current year's Special Garden Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 001-044 for quantity to exhibit if special garden project is a fresh cut flower. Refer to classes 201-252 for quantity to exhibit if special garden project is a vegetable.

SET - SCIENCE ENGINEERING & TECHNOLOGY

Aerospace, Computer, Electricity, Small Engines, Robotics, Woodworking, Entomology, Vet Science, GeoSpacial, Alternative Energies & Welding

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

Rules:

1. The name and county of exhibitor should appear on the back of each board, poster or articles and on the front cover of the notebooks. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
2. Several Classes require a display board which should be a height of 24 inches and not to exceed $\frac{1}{4}$ " thickness. A height of 23 $\frac{7}{8}$ " is acceptable to allow for the saw kerf (width) if two 24 inch boards are cut from one end of a 4' x 8' sheet of plywood, nothing should be mounted within $\frac{3}{4}$ " of the top or bottom of the board. Examples: woodworking, & Electricity.
3. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
4. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
5. Demonstration boards should include an overall title for the display, plus other necessary labeling.
6. Reports should be written using the scientific method whenever possible. (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations. Results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

Premier 4-H Science Award is available in this area. See General Rules for details.

DIVISION 850 - AEROSPACE

Rockets must be supported substantially to protect the rocket from breakage. Rockets are to be mounted on a base with dimensions equal or less than 12" x 12" and the base should be $\frac{3}{4}$ " thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12x12") then construct a base that is large enough to protect the fins. The base size is dictated by the size of the rocket fins.

The rockets must be mounted vertically. Please do not attach side boards or backdrops to the displays. In addition a used engine or length of dowel pin is to be glued and /or screwed into the board and extended up into the rockets engine mount to give added stability. Rockets must be equipped as prepared for launching, with wadding and parachute or other recovery system.

Rockets entered with live engines, wrong base size or sideboards will be disqualified.

A report, protected in clear plastic cover, must include: 1) rocket specification, (include original or photo of manufacture packaging stating rocket skill level), include original or photo of manufacture packaging stating rocket skill level) 2) a flight record for each launching (weather, distance, flight height) 3) number of launchings, 4) flight pictures 5) safety (how did you choose your launch site? Document safe launch, preparations, and precautions, 6) objectives learned and 7) conclusions.

The flight record may describe engine used, what rocket did in flight or 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)

-For self-designed rockets only, please include a digital recording copy of one flight. In the documentation please include a description of stability testing before the rocket was flown.

-Skill level of project is not determined by number of years in project. Skill level is determined by the level listed on the manufacturing packaging.

-4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.

-High power rockets (HPR) is similar to model rocketry with differences that include the propulsion power and weight increase of the model. They use motors in ranges over "G" power and/or weigh more than laws and regulations allow for unrestricted model rockets. These rockets are NOT appropriate for 4-H projects and will be disqualified.

Youth enrolled in Aerospace 2,3,or 4 may exhibit in any class within this division.

AEROSPACE/ROCKETS

H850001 **Rocket:** Any skill Level Rocket with wooden fins and cardboard body tubes painted by hand or air brush. (SF92)

H850002 **Aerospace Display:** Poster or display board that displays or exemplifies one of the principles learned in the Lift Off project. Examples include: display of rocket parts and purpose, explains the parts of a NASA rocket or shuttle, interview of someone in the aerospace field, or kite terminology. Include notebook containing terminology (definition), and what was learned. Display can be any size up to 28" by 22". (SF93)

H850003 **Rocket:** any Skill Level Rocket with wooden fins and cardboard body tubes painted using commercial application, for example commercial spray paint.(SF92)

SELF-DESIGNED ROCKET

H850004 **Rocket** – any self-designed rocket with wooden fins and cardboard body tubes. (SF92)

DRONES

H850005 Drone Poster – Exhibit must be designed to educate yourself and others on one or more of the following topics: drone technologies, use of drones, the different types of drones, types of training needed to operate drones, and the laws and regulations users must follow. Posters can be any size up to 28" x 22".

H85006 Drone Video - Exhibit must demonstrate how the drone interacts with the outside world. Examples include: field scouting, surveying, damage from natural disasters, drones, used in commercial applications and settings, and drones used for structural engineering. Video should not exceed 5 minutes. (Videos will be submitted ahead of SF)

DIVISION 860 – SET COMPUTERS

This category gives 4-H'ers a chance to display their knowledge of computers. Through participation in this category 4-H'ers will develop presentations that show judges their knowledge in the different aspects of computer science. Involvement in SE Computers gives participants a first-hand experience in modern technology.

Rules:

1. Name and county should appear on back of each board, poster or article or front cover of notebook
2. Demonstration boards should include an overall title for the display, plus other necessary labeling
3. Reports should be written using scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations. Results: what you learned). All reports should be computer generated and enclosed in a clear plastic cover attached to display.
4. Team Entries: to qualify for entry at NE State Fair, team materials entered in H860008 Digital Fabrication must clearly be the work of a team instead of an individual and must have at least 50% of all team members enrolled in 4-H. additionally, all enrolled 4-H members of 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 team members receiving the same ribbon placing.

BOOTING UP – Unit 1 *(level one is county only)*

***H860931 Create a poster** on a lesson learned in Unit 1. Examples might include: hardware, software programs, or how to take care of a computer and operating system.

***H860932 Internet Exploration** - Exhibit will be a notebook consisting of the following four areas: 1) three e-mails sent requesting a reply, 2) the reply to each of the e-mails, 3) print-out of three websites and 4) what you liked and did not like about each website.

***H860933 Computer Designed Greeting Card** - exhibit will consist of six greeting cards. Cards should be created on 8 1/2" x 11" paper using a commercially available graphics program and either single color or color printer/plotter. The cards should vary in folds and design. Tell which software program was used. Prefabricated cards

from commercially available card programs will NOT be accepted. No theme required. Put cards in some type of protective cover.

COMPUTER MYSTERIES – UNIT 2

H860001 Computer Application (SF277) – 4-H exhibitor should use computer application to create a graphic notebook utilizing computer technology. 4-H'er may create any of the following: greeting card (5 different cards such as a birthday, wedding, anniversary, sympathy get well or other); a business card (3 cards for 3 different individuals and businesses); menu (minimum of 2 pages including short description of foods and pricing); book layout (I-book); promotional flyer (3 flyers promoting 3 different events); newsletter (minimum 2 pages); or other: examples such as precision farming or family business logo etc.. This exhibit consists of a notebook (8.5x11 inches) which should include a (1) a detailed report describing: (a) the task to be completed, (b) the computer application software required to complete the task, (c) specific features of the computer application software necessary for completing the task (2) print out of your project. Project may be in color or black and white.

H860002 Produce a Computer Slideshow Presentation (SF277) – Using presentation software. (All slide shows for state fair should be emailed to Amy Timmerman atimmerman2@unl.edu before August 15. Files must be saved in a PC compatible format with county name and last name of participant before emailing. A notebook with a printout of all the slides should be submitted. Slideshow should include a minimum of 10 slides and no more than 25. Incorporate appropriate slide layouts, graphics, animations and audio (music or voice and transition sounds do not count). Each slide should include notes for a presenter. All slideshows must be up loaded.

COMPUTER MYSTERIES – UNIT 3

H860003 Produce an Audio/Video Computer Presentation (SF276) – Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. 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.

H860004 How to STEM (Science, Technology, Engineering and Math) Presentation (SF276) – Youth design a fully automated 2 to 5 minute 4-H "how to" video. Submissions should incorporate a picture or video of the 4-H'er, as well as their name (first name only), age (as of January 1 of the current year), years in 4-H, and their personal interests or hobbies. Videos should be designed for web viewing. Any of the following formats will be accepted: .mpeg, .rm, .wmv, .mp4, .mov, .ppt, or .avi

H860005 Create a Web Site/Blog or App (SF275) – Design a simple Web site/ blog or app for providing information about a topic related to youth using either software programs such as an HTML editor like Microsoft's FrontPage or Macromedia's Dreamweaver, and image editor like IrfanView or GIMP OR online using a WIKI such as Google Sites. If the Web site, Blog, or App isn't live include all files comprising the Web site, Blog or App should be submitted on a CD-ROM in a plastic case along with the explanation of why the site was created. If developed using a WIKI or other online tool include a link to the website in the explanation of why the site was created.

H860006 3D PRINTING Unique Items: 3D printing uses plastic or other materials to build a 3 dimensional object for a digital design. Youth may use original designs or someone else's they have re-designed in a unique way. Exhibits will be judged based on the motivation and/or problem identified. For exam ple, 3D objects printed as part

of the design process for robot or other engineering project or cookie cutter. Must include design notebook with motivation or problem statement the prototype was 3D printing will include a note book with the following:

Define motivation/problem solved

Software used

Document purpose of material and print settings

Material choice (PLA, PVA ABS, etc.)

In-fill density

Moving parts

H860007 3D Pen Creation – 3D pens rapidly melt and cool plastic filament allowing the 4-H'er 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:

Copy of the template if used and description of any changes the youth created.

If no template used – an explanation of how the creation was built.

Must include paragraph of what the youth learned while creating their project (i.e. way to improve their net creation)

Paragraph on how 3D pens impact Science Engineering and Technology

H860008 – Maker Space/Digital Fabrication - this project is a computer generated project created using a laser cutter, vinyl cutter, heat press or CNC router. Vector of 3D based software such as Corel draw or Fusion 360 would be an example of an appropriate software used to create your finished project. Project should include a notebook with the following:

What motivated you to create this project

Software and equipment used

Directions on how to create the project

Phototype of plans

Cost of creating project

Iterations or modifications made to original plans

Changes you would make if you remade the project.

DIVISION 870 – ELECTRICITY

In this category 4-H'ers have the opportunity to create informational exhibits about the different aspects of electricity. Through involvement in this category 4H'ers will be better educated about electricity and be able to present their knowledge to others. Resources are the project manuals.

Rules:

1. Label each exhibit with name of exhibitor.
2. Several classes require a display board which should be a height of 24" and not to exceed 1/4-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf of larger size board.
 - Fabricated board such as plywood, composition board, or particle-type lumber may be used
 - Demonstration boards should be sanded and finished to improve appearance. Finish will be judged as a woodworking exhibit.
 - Demonstration boards should include an overall title for the display plus other necessary labeling
 - Reports should be written using the scientific method whenever possible. (Background, the Question or hypothesis, what you plan to

do and what you did, Method used and observations. Results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

***MAGIC OF ELECTRICITY - UNIT 1** *county only*

***H870931 Bright Lights** - Create your own flash light using items found around your house. Flash lights should be made out of items that could be recycled or reused. No kits please.

***H870932 Make a Switch.** Use the following items: D cell battery, battery holder, insulated wire, 2 or 2.5 volt light bulb, bulb holder, paper clip, cardboard and two brass paper fasteners to create a circuit that you can open and close.

***H870933 Conducting Things** - Make a circuit with a switch and a light bulb that can be used to test different household items for their ability to act as an insulator or conductor. You must find five items that are conductors and five items that are insulators. Create a table that illustrates your results.

***H870934 Is There A Fork in the Road?** - Use the following items to construct one parallel and one series circuit. Items: D cell battery, battery holder, insulated wire, bulb holder and a 2 or 2.5 volt light bulb.

***H870935 Other Project** made from directions in the Manual

***INVESTIGATING ELECTRICITY - UNIT 2** *county only*. Instruction are in manuals.

***H870936 Case of the Switching Circuit** - Use the following items. Two D cell batteries, two battery holders, light bulb, bulb holder, a 3" x 6" piece of cardboard, six brass fasteners and approx. two feet of 24 gauge insulated wire to build a three way switch. Write a short essay or create a poster that illustrates how three way switches function.

***H870937 Rocket Launcher** - Construct a rocket launcher following instruction

***H870938 Stop the Crime** - Build an alarm following instruction in manual.

***H870939 Other Project** made from directions in the Manual

WIRED FOR POWER - UNIT 3

H870001 Electrical Tool/Supply Kit-Create an electrical supply kit to be used for basic electrical repair around the house. Include a brief description of each item and its use. Container should be appropriate to hold items.

H870002 Lighting Comparison-Display studying the efficiency of various lighting (incandescent, fluorescent, halogen, Light Emitting Diodes, etc.). Exhibit could be a poster display, or an actual item.

H870003 Electrical Display/Item -Show an application of one of the concepts learned in the Wired for Power project. Examples include: re-wiring or building a lamp, re-wiring or making a heavy duty extension cord or developing an electrical diagram of a house. Exhibit could be a poster display or an actual item.

H870004 Poster - Poster should exemplify one of the lessons learned in the Wired for Power Project. Posters can be any size up to 28" x 22".

ELECTRONICS - UNIT 4

H870005 Electrical/Electronic Part Identification- Display different parts used for electrical/electronic work. Exhibit should show the part (eight picture or actual item) and give a brief description, including symbol of each part and its function. Display should include a minimum of 10 different parts.

H870006 Electronic Display- Show an application of one of the concepts learned in the Electronics project. Examples include: components of an electronic device (refer to p. 35 of the Electronic manual).

H870007 Electronic Project- Exhibit an electronic item designed by the 4-H'er of from a manufactured kit that shows the electronic expertise of the 4-H'er. Examples include: a radio, a computer, or a volt meter.

H870008 Poster - Poster should exemplify one of the lessons learned in the Entering Electronics Project. Posters can be any size up to 28" x 22".

DIVISION 911 WOODWORKING

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

Purple - \$5.00 Blue - \$4.00 Red - \$3.00 White - \$1.50

Rules:

- * Label each exhibit with name of exhibitor.
- * Several classes require a display board which should be a height of 24" and not to exceed ¼-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf of larger size board.
- * Fabricated board such as plywood, composition board, or particle-type lumber may be used
- * Demonstration boards should be sanded and finished to improve appearance. Finish will be judged as a woodworking exhibit.
- * Demonstration boards should include an overall title for the display plus other necessary labeling
- * Reports should be written using the scientific method whenever possible.
- (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations. Results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

- 1) The ability to build objects 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.

2) Requirements: All articles exhibited must include a plan (with drawings or sketch or blueprint) stating dimension 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 drawing and include any alternations to the original plan. Part of the score depends on how well the project matches the plans. If the plans are modified, the changes from the original need to be noted on the plans.

All plans used for making the article must be securely attached and protected by a clear plastic cover.

4-H'ers must be in advanced Units 3 or Unit 4 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 may be displayed outside.

All outside projects **MUST** have an entry tag and supporting information placed in a protective bag to prevent damage from weather elements. Attach to article.

MEASURING UP - UNIT 1 (county only entry)

***H911931** Item made using skills learned in the manual 4H 6875. Item made should be entered with construction plans. Or make comparable item using hand tools.

***H011932** Item made using basic skills from your own plans. Include copy of plans. This item might be a project made at school.

MAKING THE CUT - UNIT 2 (county only entry)

***H911933** Item made using skills learned in the manual. Item should be entered with construction plans. Or comparable item using power hand electric jig saw, power drill and/or oscillating sander.

***H011934** Item made using power equipment skills from your own plans. Include copy of plans. This item might be a project made at school.

NAILING IT TOGETHER - UNIT 3

H911001 Woodworking Article- Item should be made using either joints, hinges, dowels, or a dado joint 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.

H911002 Woodworking Display- Display exemplifying one of the principles learned in the *Nailing it Together* Project. Examples include: measuring angles, wood lamination and joint types.

H911003 Recycled Woodworking Display – Article made from recycled reclaimed or composite wood. Article must be appropriately finished and /or sealed and utilize one or more woodworking techniques **from page 2 of the Unit 3 manual.** Exhibit must include the woodworking plan and a minimum one page report of how the engineering design process was used to develop the woodworking plan.

Engineering Design Process:

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare on the basis of cost availability, and functionality?)
4. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
5. Reason for article finish (What type of finish, how did you finish or why you choose this finish?)

6. Evaluate (How does your item solve the original need?)
7. Present results (How would you do this better next time?)

H911004 Composite Wood Project – 60% of the project must be wood and 40% made from other materials such as metal, rubber, resin, etc. All plans and plan alternation must be attached to the article. Protect project plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside.

H911005 Outdoor Wood Project made with Treated Wood - Treated wood projects DO NOT have to have a finished coating. All plans and plan alternations must be attached to the article. Protect plans with a cover. If project is designed to be outside it may be displayed there. Examples: picnic table, planter, outdoor furniture, etc.

FINISHING UP - UNIT 4

H9110006 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.

H9110007 Woodworking Display- Display exemplifying one of the principles learned in the Finishing it Up Project. Examples include: career opportunities, types of finishes or dovetailing.

H9110008 Recycled Woodworking Display – Article made from recycled reclaimed or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. Exhibit must include the woodworking plan and a minimum one page report of how the engineering design process was used to develop the woodworking plan.

Engineering Design Process:

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

DIVISION 920 – WELDING

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

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

Rules:

* Label each exhibit with name of exhibitor.

*Several classes require a display board which should be a height of 24" and not to

exceed ¼-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf of larger size board.

*Fabricated board such as plywood, composition board, or particle-type lumber may be used

*Demonstration boards should be sanded and finished to improve appearance. Finish will be judged as a woodworking exhibit.

*Demonstration boards should include an overall title for the display plus other necessary labeling

*Reports should be written using the scientific method whenever possible.

(Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations. Results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

H920001 WELDING JOINTS - a display of one butt, one lap and one fillet weld

H920002 POSITION WELDS - a display showing three beads welded in the vertical down, horizontal and overhead positions.

H920003 WELDING ARTICLE - any shop article or piece of furniture 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 and plan alternations, 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.

H920004 WELDED 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 and plan alternations, 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. May be displayed outside.

H920005 PLASMA CUTTER/WELDING DESIGN - Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4-H members will create a notebook describing the design process to create the "artwork" to butt cut into metal. This exhibit is not eligible for entry at the State Fair.

In the notebook include:

- A photo (front and back) of the finished project. Also include detailed photographs of the project to allow judges to examine cuts.
- Instructions on how the design was created, this allows for replication of the project.
- Lessons learned or improvements to the project

H920006 COMPOSITE WELD PROJECT – 60% of the project must be welded and 40% made from other materials such as wood, rubber, etc. All plans, plan alternations, and a bill for materials must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside.

Rules: All welds exhibited in C 1 or 2 must be mounted on a 12" high x 15" long display board of thickness not to exceed 3/8." Attach each weld on a wire loop hinge or equivalent, so the judge can look at the bottom side of the weld when necessary. Each weld should be labeled with information stating a) type of welding process, (stick, MIG, TIG, Oxy-Acetylene, etc.) b) kind of weld, c) welder setting, d) electrode/wire/rod size and e) electrode/wire/rod ID numbers. Attach wire to

display board so it can be hung like a picture frame. No picture frame hangers accepted. **If no plans are included with the welding article or welding furniture, item will be disqualified.**

Welding Project Tips and Suggestions: Classes 1:

Class 1 GUIDELINES

1. All welds should be made with the same electrode/wire/rod size and number.
2. Welds should be made only on one side of metal so penetration can be judged.
3. Welds should be cleaned with chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
4. It is suggested that all welds be on the same size and thickness of metal. These pieces, referred to as coupons, should be 1.5 to 2 inches wide and 3.5 to 4 inches long. A good way to get this size is to buy new cold rolled strap iron and cut to length. The extra width is needed to provide enough metal to absorb the heat from the welding process and prevent the coupons from becoming too hot before the bead is completed. Narrower coupons will become very hot, making an average welder setting too cold at the bead start, just about right in the middle, and too hot at the end. The correct way to weld narrow strips is to make short beads and allow time to cool, however this project requires a full length bead.

Stick welding:

- Suggested coupon thickness- " if using 1/8" rod
- Suggested rod-AC and DC straight or reverse polarity- first E-7014, second E-6013
- MIG welding:
- Suggested coupon thickness--" if using .035 wire and 1/8" if using .023 wire
- Oxy-Acetylene :
- Suggested coupon thickness- 1/8".
- Suggested rod- 1/8" mild steel rod

Welding Project Tips and Suggestions: Classes 2

1. It is suggested that all welds be on same size and thickness of metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4"x4 " or on individual coupons that are about 2" x 4" inch and 3" thick. Suggested rods for this C of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014 and E-6010 for DC reverse polarity only.
2. Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.

Welding Project Tips and Suggestions *Class 3 & 4* 1. All welds should be cleaned and protected from rust with paint or light oil. Plans are to be complete enough that if they were given to a welding shop, the item could be made without further instructions. Bill of materials should include a cost for all items used including steel, electrodes, paint, wheels, etc.

DIVISION 861 - ROBOTICS

This category involves the many different aspects of Robotics. Participants will learn more about how robots are designed and developed as well as the mechanical and electronic elements of robots. Involvements in SET Robotics gives participants a first-hand experience in modern technology.

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

Rules:

* Label each exhibit with name of exhibitor.

*Several classes require a display board which should be a height of 24" and not to exceed ¼-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw

kerf of larger size board.

*Fabricated board such as plywood, composition board, or particle-type lumber may be used

*Demonstration boards should be sanded and finished to improve appearance. Finish will be judged as a woodworking exhibit.

*Demonstration boards should include an overall title for the display plus other necessary labeling

*Reports should be written using the scientific method whenever possible.

(Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations. Results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

Youth enrolled in Virtual Robotics, Junk Drawer Robotics, or Robotics Platforms, may exhibit in any Class within this division.

Team Entries: to qualify for entry at NE State Fair, team materials entered in robotics must clearly be the work of a team instead of an individual and must have at least 50% of all team members enrolled in 4-H. Additionally, all enrolled 4-H members of 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 team members receiving the same ribbon placing.

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

H861001 Robotics Poster: Create a poster (14" X 22") communicating a robotics theme such as "Robot of Not", "Pseudocode", "Real World Robots", "Careers in Robots", or "Autonomous Robotics", "Precision Agriculture", or a robotic topic of interest to the 4-H'er.

H861002 Robotics Notebook – Explore a robotics topic in-Department 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.

H861003 Robotics Video This Class should be displayed in a notebook. The notebook should include a video clip on a CD/DVD that demonstrates the robot performing the programmed function. Include your pseudocode and screenshots of the actual code with a written description of the icon/command functions. All videos should be saved in a PC compatible format. State Fair entries will be mailed to Amy Timmerman atimmerman2@unl.edu by Aug. 15.

H861004 Robotics/Career Interview- Interview someone who is working in the field of robotics and research the career in robotics. Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font, and 1" margins. Multimedia reports should be between 3 to 5 minutes in length.

H861005 Robotics Sensor Notebook - Write pseudocode which includes at least one sensor activity. Include the code written and explain the code function.

H861006 Build a Robot (may use kit) Include a robot and notebook including the pseudocode for at least one program you have written for the robot, the robots purpose, and any challenges or changes you would make in the robot design or

programming. (If robot is more than 15" wide x 20" tall it may be hard to display so would recommend submitting the project under class H861003).

H861007 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 x 20" tall it may be hard to display so would recommend submitting the project under class H861003).

H861008 Kit Labeled Robot (cannot be programmed) This class is intended for youth to create parts through 3D printing, that help create their robot or aid the robot in completing a coded function. Project should include notebook describing the process used to create the project, describe the success of your designed piece (did it work), intended use of the product and the modifications made to the item.

***H861931. Other - (county only Class)** Display of your choice

DIVISION 880 – GEOSPACIAL

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

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

Youth enrolled in Geospatial may exhibit in any Class within this division.

Rules:

- * Label each exhibit with name of exhibitor.
- *Several classes require a display board which should be a height of 24" and not to exceed ¼-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf of larger size board.
- *Fabricated board such as plywood, composition board, or particle-type lumber may be used
- *Demonstration boards should be sanded and finished to improve appearance. Finish will be judged as a woodworking exhibit.
- *Demonstration boards should include an overall title for the display plus other necessary labeling
- *Reports should be written using the scientific method whenever possible. (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations. Results: what you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

H880001 Poster Create a poster (not to exceed 14" x 22") communicating a GPS theme such as How GPS or GIS works, Careers that use GPS or GIS, How to use GPS, What is GIS, SPS, or GIS in Agriculture, Precision Agriculture, or a geospatial topic of interest.

H880002 4-H Favorite Places, or Historical Site Poster – The 4-H exhibitor identifies a favorite place or historical site (including grave sites) in Nebraska. Exhibit should include latitude and longitude, digital picture, and local area map. Poster size should not exceed 14 x 22".

H880003 GPS Notebook – Keep a log of at least 5 places visited using a GPS enabled device. At least one site should be from a community other than where you live. For each site, record the latitude, longitude and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional but encouraged.

H880004 Geocache – Assemble a themed geocache. 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 this site at geocaching.com, include a print-out of its registry.** The entry may include a photograph of the cache in its intended hiding place,

H880005 Agriculture Precision GIS Mapping – 4-Hers will assemble a notebook that will include a minimum of 2 digital copies of various data layers that can be used in precision agriculture to identify spatial patterns and/or correlations (printed copies of websites were applications can be purchased is acceptable. A report of how the analysis of the various data will be used to make a management decision.

H880006 4-H History Map – Preserve 4-H History: Nominate a Point of Interest for the 4-H History Map Project include copy of submitted form in folder or notebook. To nominate a site for the 4-H history map please go to <http://arcg.is/1bvGogV>. For more information about 4-H history go to http://4hhistorypreservation.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).

Class H880007 - 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 "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 the map.

DIVISION 900 – SET Physics/Power of Wind/4-Wheelin' Physics Fun

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

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

Several classes require a display board which should be a height of 24 inches and not to exceed 1/4-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf (width) if two 24 inch boards are cut from one end of a 4 foot by 8-foot sheet of plywood. Nothing should be mounted within 3/4 inch of the top or bottom of the board. (Example: Woodworking & Electricity.)

1. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.

2. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
3. Demonstration boards should include an overall title for the display, plus other necessary labeling.
4. Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.
5. Premier 4-H Science Award is available in this area. Please see General Rules for more details.

Class H900001. Create and Compare Energy Resources Poster – Poster should explore 2 alternative/renewable energy resources. Compare and contrast the 2 resources including two of the following information: amount of energy created, costs of production, usability of the energy, pros/cons of environmental impacts, etc. Posters can be any size up to 28" by 22."

Class H900002. Experiment Notebook – Notebook will explore the scientific method involving alternative/renewable energy sources. Information required. 1.) Hypothesis 2.) Research 3.) Experiment 4.) Measure 5.) Report or Redefine Hypothesis.

Class H900003. Solar as Energy Display - Item should be the original design of the 4-Her. Include the item, or a picture if item is in excess of 6' tall or 2' X 2'. Include a notebook of why the item was designed and how it harnesses the power of the sun. Examples include solar ovens, solar panels, etc.

Class H900004. Water as Energy Display - Item should be the original design of the 4-Her. Include the item, or a picture if item is in excess of 6' tall or 2' X 2'. Include a notebook of why the item was designed and how it harnesses the power of water.

Class H900005. Wind as Energy Display – Item should be the original design of the 4-Her. Include the item, or a picture if item is in excess of 6' tall or 2' X 2'. Include a notebook of why the item was designed and how it harnesses the power of wind.

Class H900006. Other Nebraska Alternative Energy –Notebook should explore Nebraska an alternative energy source besides wind, water, and solar power. Include information on type of power chosen, infrastructure for distribution, what resources are needed to create this alternative resource, cost of production, and potential uses of bio-products.

Resources:

<https://4-h.org/parents/national-youth-science-day/wired-for-wind/>

<https://4-h.org/parents/national-youth-science-day/biofuel-blast/>

<http://web.cals.uidaho.edu/biodiesel/4-h-curriculum-for-ages-8-12/>

<http://extension.oregonstate.edu/clackamas/energy-education-curriculum-lessons>

DIVISION 800 – ENTOMOLOGY

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

Purple - \$3.50

Blue - \$2.50

Red - \$1.50

White - \$1.00

Rules:

1). Specimens in display collections should be mounted properly and labeled with location, date of collection, name of collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology Manual. Boxes are preferred to be 12" high X 18" wide, and landscape orientation, so they fit in display racks. Purchase of commercially-made boxes is allowed. All specimens must be from the collector.

H800001 - Entomology Display, First-Year Project

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

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

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

H800004 - Special Interest or Advanced Insect Display

Educational display developed according to personal interests and/or advanced identification capability. This 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, and species). A specialty collection may consist of insects by taxonomic group (e.g. butterflies, grasshoppers, dragonflies, scarab beetles) or by host, subject or habitat (e.g. insect pests of corn, aquatic insects, insect mimicry, insect galls, insects from goldenrod, insect pollinators, etc.).

H800005 - Insect Habitats

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

H800006 - Macrophotography

Subjects should be insects, spiders or other arthropods, or any nests, webs or constructions they make. All exhibit prints should be either 8 1/2" x 10" 8 1/2" x 11" and mounted on rigid, black 11" X 14" poster or matt board. Either orientation is acceptable. No frames or mat board framing is allowed. A caption of a few sentences should explain the subject and be printed on white paper and glued below the print on the poster board.

H800007 - Insect Poster/Display Exhibits - Exhibits can be posters or three-dimensional displays, and artistic creativity is encouraged. Posters should be no larger than 22" x 28". They should be instructional and can be attractive and have pictures, drawings, charts, or graphs. Posters and displays may show any aspect of insect life, habitat, or related conservation or management. Examples include life history and other facts about an insect; insect anatomy; how to manage insects in a farm, home, lawn, or garden setting; experiences rearing one kind of insect; survey of an important insect; insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (e.g. forests, grasslands, wetlands, rivers, or lakes) and what insects are found there, etc. Three-dimensional displays, such as dioramas, sculptures, models or decorative boxes should have a page of explanatory information accompanying them and fit within a 22" x 28" area.

H800008 - Reports or Journals

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

DIVISION 840 - VETERINARY SCIENCE

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

Purple - \$3.50 Blue - \$2.50 Red - \$1.50 White - \$1.00

A Veterinary Science exhibit may consist of a poster, notebook, or a display. The exhibit may represent material from exhibitors enrolled in Animal Disease or Animal Health. (County Only exhibits may be from Level 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.

First-Aid Kits - Because of public safety concerns and risk of theft of first-aid kit contents (vet drugs/equipment) with perceived potential for drug abuse, animal first aid kits containing any drugs or medications will be immediately disqualified and not displayed. First Aid kit wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer generated print-outs or empty packaging of pharmaceuticals.

Veterinary Science Posters - This exhibit presents the viewer with a design that is a simple and direct, unlike a display that usually presents more information. A poster should not exceed 22" x 28" and may be either vertical or horizontal.

Veterinary Science Displays -a display may include but is not limited to a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or a three ring binder or another bound notebook format.

Appropriate veterinary Science Topics:

Maintaining health

Specific disease information

Photographic display of normal and abnormal characteristics of animals

Animal health or safety

Public health or safety

Proper animal management to ensure food safety & quality

Efficient and safe livestock working facilities

Or a topic of the exhibitors choosing

****Remember these are science displays, all references and information need to be properly cited.** Proper sources include are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with Veterinarians and excerpts from Veterinary Educational Literature.

Classes:

H840001 **4-H Veterinary Science Large Animal Poster or Display**

H840002 **4-H Veterinary Science Small Animal /Pet Poster or Display**

Classes county only.

*H840934 **Scrapbook or poster** - include pictures or other related material pertaining to project.

*H840935 **Interview** someone in an animal occupation. Visit with them about how and why they chose this occupation and the challenges they occur.

*H840936 **Photo Poster** showing events in the day of a Veterinarian.

TROPHIES – ROSETTES - AWARDS

****All trophy *and* award winners must be purple ribbon exhibits**

BEEF

Senior Beef Showmanship -	Trophy	Res. Sr. Beef Showmanship -	Medal
Int. Beef Showmanship -	Trophy	Res. Int Beef Showmanship -	Medal
Jr Beef Showmanship -	Trophy	Res. Jr Beef Showmanship -	Medal
Champion Breeding Heifer -	Trophy	Res. Champ Breeding Heifer -	Medal
Div. Champion Market Steer	Medal	Div Res. Champ Mrk Steer -	Medal
Div. Champion Market Heifer	Medal	Div Res. Champ Mrk Heifer -	Medal
Div Champion. Bred/Fed	Medal	Div Res Champ. Bred/Feb -	Medal
Champion Market Beef -	Trophy	Res. Champ Market Beef -	Medal
Feeder Calf -	Trophy	Res. Feeder Calf -	Medal
Champion Rate-Of-Gain	Trophy	Jr Beef Herd -	Trophy
Bucket Calf Jr -	Trophy	Res. Bucket Calf Jr -	Medal
Bucket Calf Sr -	Trophy	Res. Bucket Calf Sr -	Medal
Second Year Bucket Calf Jr-	Trophy	Res. Sec. Yr Bucket Calf Jr	Medal
Second Year Bucket Calf Sr-	Trophy	Res. Sec. Yr Bucket Calf Sr	Medal

BREEDING BEEF - BREED PLAQUES -

Local sponsors of these awards will be announced at the Clay County Fair.

DAIRY GOATS

Sr Dairy Goat Showmanship	Trophy	Res. Sr Goat Showmanship -	Medal
Int Dairy Goat Showmanship	Trophy	Res. Int Goat Showmanship -	Medal
Jr Dairy Goat Showmanship -	Trophy	Res. Jr Goat Showmanship -	Medal
Jr Champion Dairy Goat -	Trophy	Res. Jr Champion Dairy Goat -	Medal
Sr Champion Dairy Goat -	Trophy	Res. Sr Champion Dairy Goat -	Medal
Dairy Goat Herd -	Rosette		

SWINE

Sr Swine Showmanship	Trophy	Res. Sr Swine Showmanship -	Medal
Int Swine Showmanship	Trophy	Res. Int Swine Showmanship -	Medal
Jr Swine Showmanship	Trophy	Res. Jr Swine Showmanship -	Medal
Breeding Gilt -	Trophy	Res. Champ Breeding Gilt -	Medal
Div Champion Market Gilt -	Medal	Div Res. Champ Market Gilt -	Medal
Div Champion Market Barrow -	Medal	Div Res. Champ Mrkt Barrow-	Medal
Div Champion Bred/Fed -	Medal	Div Res. Champ Bred/Fed -	Medal
Champion Market Hog -	Trophy	Res. Champion Market Hog -	Medal

Pen of 3 - Champion Carcass - Rosette

SHEEP

Sr Sheep Showmanship - Trophy
Int Sheep Showmanship -Trophy
Jr Sheep Showmanship - Trophy

Res. Sr Sheep Showmanship - Medal
Res. Int Sheep Showmanship - Medal
Res. Jr Sheep Showmanship - Medal

Champion Ewe- Trophy
Champion Ram - Trophy
Breeders Young Flock - Rosette

Res. Champion Ewe - Medal
Res Champion Ram - Medal

Champion Div Mrk Lamb Medal
Champion Div Bred/Fed Medal
Champion Market Lamb - Trophy

Res Div Market Lamb - Medal
Res Champion Div Bred/Fed - Medal
Res. Champion Market Lamb - Medal

Pen of 3 - Champion Carcass - Rosette
Belt Buckle, Champ Market – Leo Overturf Memorial

MEAT GOATS

Sr Meat Goat Showmanship - Trophy
Int Meat Goat Showmanship - Trophy
Jr Meat Goat Showmanship - Trophy

Res. Sr Meat Goat Showman - Medal
Res. Int Meat Goat Showman - Medal
Res. Jr Meat Goat Showman - Medal

Champion Breeding Meat Goat-Trophy

Res Champ. Breeding Mt Goat Medal

Champ Div Market Goat Medal
Champion Div Bred/Fed Medal

Res Champion Div Mrkt Goat Medal
Res Champion Div Bred/Fed Medal

Champion Market Meat Goat - Trophy
Pen of 3 - Rosette

Res. Champion Mrkt Meat Goat medal

Banner for Champ Breeding and Champ Market Meat Goat – Mark & Charlene Overturf Family

HORSE

Trophies and rosettes will be awarded to the top purple ribbon. A rosette ribbon will be awarded to the 2nd purple ribbon winner for each Class that a trophy is awarded.

Sr Horse Showmanship
Int Horse Showmanship
Jr Horse Showmanship

Res Sr Horse Showmanship
Res Int Horse Showmanship
Res Jr Horse Showmanship

Champion Mare
Walk Trot Pleasure
Hunter Under Saddle

Champion Gelding
Walk Trot Horsemanship
Hunter Seat Equitation

Western Pleasure Ponies
Western Pleasure 8- 11
Western Pleasure 12-14
Western Pleasure 15 & over
Western Horsemanship 8-11
Western Horsemanship 12-14
Western Horsemanship 15 & over
Western Riding
Reining 14 & under
Reining 15 & over

Pole Bending 8-11
Pole Bending 12, 13, 14
Pole Bending 15 & over
Barrel Racing 8-11
Barrel Racing 12,13, 14
Barrel Racing 15 & over
Trails 8-11
Trails 12, 13, 14
Trails 15 & over

Lyle Hultman Award (Achievement Program)
D.B.Post Memorial (Achievement Program)
F.W. Stahnke Memorial (Achievement Program)
Champion Overall Trail Belt Buckle (sponsored by Circle CTN Saddle Club)

POULTRY

Jr Poultry Showmanship- Trophy
Int. Poultry Showmanship – Trophy
Sr Poultry Showmanship- Trophy

Div. Champion, Standard - Medal
Div. Champion, Bantam - Medal
Div. Champion, Other - Medal
Grand Champion - Trophy

Res Jr Poultry Showmanship - Medal
Res. Int Poultry Showmanship - Medal
Res Sr Poultry Showmanship - Medal

Res Champion - Medal

RABBITS

Sr Rabbit Showmanship -Trophy
Int. Rabbit Showmanship - Trophy
Jr Rabbit Showmanship- Trophy

Res. Sr Rabbit Showmanship - Medal
Res. Int Rabbit Showmanship- Medal
Res. Jr Rabbit Showmanship - Medal

Div. Champion-Fancy Breeds-Medal
Div. Champ-Commercial Breed-Medal
Grand Champion - Trophy

Res. Champion - Medal

DOG

Senior Dog Showmanship - Trophy
Int. Dog showmanship - Trophy
Junior Dog Showmanship - Trophy

Res. Sr Dog Showmanship - Medal
Res. Int Dog Showmanship - Medal
Res. Jr Dog Showmanship - Medal

Obedience Beg. Novice Medal
Obedience Novice Medal
Obedience Graduate Medal
Obedience Open Medal
Obedience Utility Medal

Res. Obedience Beg. Novice Rosette
Res. Obedience Novice Rosette
Res. Obedience Graduate Rosette
Res. Obedience Open Rosette
Res. Obedience Utility Rosette

Agility Level 1 Medal
Agility Level 2 Medal
Agility Level 3 Medal
Agility Level 4 Medal
Agility Level 5 Medal
Rally - exhibition class

Res. Agility Level 1 Rosette
Res. Agility Level 2 Rosette
Res. Agility Level 3 Rosette
Res. Agility Level 4 Rosette
Res. Agility Level 5 Rosette

CAT

Grand Champion - Trophy

Res. Grand Champion - Rosette

OTHER ANIMALS

Grand Champion - Rosette

Res. Grand Champion - Rosette

PUBLIC SPEAKING CONTEST

Senior Champion - Trophy
Int Champion - Trophy
Junior Champion Original Trophy
Novice Champion -Reading/Poem -Trophy

Res. Senior Champion - Rosette
Res. Int Champion - Rosette
Res. Junior Champion - Rosette
Res. Novice Champion - Rosette

PRESENTATION CONTEST

Sr Champion - Trophy
Jr Champion - Trophy
Jack Arp Memorial Cash Award

Res. Champion - Rosette
Res. Champion - Rosette

THEATER ARTS and SONG CONTEST

Top Individual - medal
Top Group - medal

FAVORITE FOOD SHOW

Sr Division Champion -	Trophy	Sr Res. Champion - Rosette
Jr Division Champion -	Trophy	Jr Res. Champion – Rosette

CULINARY CONTEST Rosettes

FASHION REVUE

STEAM Clothing 1, Champion - Trophy	Res. Champion - Rosette
STEAM Clothing 2, Champion - Trophy	Res. Champion - Rosette
STEAM Clothing 3- Champion - Trophy	Res. Champion - Rosette
Beyond the Needle Champion - Trophy	Res. Champion - Rosette
Shopping in Style Champion - Trophy	Res. Champion - Rosette

SHOOTING SPORTS

B-B Gun and Archery: Ribbons & Medals based on scores

Best Overall Rosettes *may* be awarded to deserving projects in following areas:

CLOTHING CONSTRUCTION - Overall Best Rosette for each project area

HOME ENVIRONMENT Overall Best Rosette for each project area

FOODS - Overall Best Rosette for each project area

PHOTOGRAPHY - Overall Best Rosette for each level

POSTERS - Overall Best - Rosette

HUMAN DEVOPMENT - Overall Best - Rosette

GARDENING - Overall Best – Rosette

FLOWERS - Overall Best - Rosette

SCIENCE, ENGINEERING, TECHNOLOGY - Rosette (each area with outstanding exhibit)

CROPS - Overall Best Crops Exhibitor - Rosette

ROUND ROBIN SHOWMANSHIP AWARDS - Medal will be given to each participant. Top award will be item of 4-H'ers choice engraved or embroidered.

CONSERVATION & WILDLIFE AREAS: Little Blue Natural Resource District – sponsored plaque

4H Website: 4h.unl.edu
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The **FAIR THEME** can be used in any way fitting. All static exhibits that incorporate the theme will receive a recognition certificate. In addition to projects using the fair theme, you may consider volunteering to decorate the fairgrounds with the theme.

The theme for 2020 is: Boots, buckles & Barrels of Fun

SUPERINTENDENTS AND ASSISTANTS CONTESTS

CONTESTS & EVENTS

Fashion Revue	*Sue Ochsner & Host club
Communications	*Rita Brhel
Speech Contest	*Holli Alley
Life Challenges	*Holli Alley
Favorite Food Show	*TBA
Shooting Sports	*Wayne Peshek, *Burnell Krull
Beef Fitting	*Cindy Felber, Cara Felber

ANIMALS

Beef	*Brett Nunnenkamp
Sheep	*Angela Menke, Kathy Sorensen
Swine	*Craig Griess
Dairy Goats	*Butch Hassler, *Suzy Hassler
Poultry/Rabbits	*Butch Hassler, *Suzy Hassler
Horse	*Doug Felber, Cindy Felber
Cat/Small Animal	*Kathy Sorensen
Dog	*Sue Wise, Cindy Felber
Herdsmanship	*Glen Slater

STATIC EXHIBITS

Photography	*Jody Novak
Heritage	*Lyndsey Pohlmeier
Posters/banners/ Misc	*Lyndsey Pohlmeier
Child Development	*Lyndsey Pohlmeier
Safety	*Lyndsey Pohlmeier
Clothing	*Wanda Cloet,
Home Environment	*Tammy Sorensen, Nancy Ferrell
Food & Nutrition	*Julie Kempf, Deb Krull
Forestry, Range, Wildlife	*Kathy Sorensen, Cheryl Brockman
Crops	*KathySorensen, Cheryl. Brockman
Science Technology projects	*KathySorensen, Cheryl Brockman
Horticulture	*Ann Lindvall, * Shirley Horst

NOTE: This list may be subject to changes or additions. Volunteers are welcome.

Thank you for being a part of Clay County 4-H.

EXHIBIT – SUPPORT INFORMATION FORM

Cards available at office, online, or copy this

Home Environment Supporting Information

Name _____ County _____

Check elements and principles used in your exhibit

Elements of Design-The building blocks of design

____ Color ____ Texture

____ Shape/Form ____ Line ____ Space

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

____ Rhythm/Repetition ____ Balance

____ Emphasis ____ Unity ____ Proportion

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

