

2020 Premium List

Harlan County Junior Fair



August 1 – August 6, 2020

Harlan County Fair Grounds

Orleans, NE

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HARLAN COUNTY JUNIOR FAIR PRE-FAIR PROGRAM

- May 31 - 4-H Bicycle Rodeo, Ag Center, Orleans
 - 2:00 p.m.—Registration
 - 2:15 p.m.—Rodeo
- July 6 - Horse show registrations for the Harlan County 4-H Horse Show are due at the Extension Office.
- July 21 - 4-H Favorite Food Review, Ag Center - 6:30 p.m.
- July 27 - Private 4-H Fashion Show and Interview Judging, Ag Center - 9:00 a.m.
- July 27 - 4-H Song/Talent Contest & Public 4-H Fashion Show, Ag Center - 8:00 p.m.
- July 30 - 4-H Just for Fun Dog Show, Fair Arena, Orleans - 6:30 p.m.

FAIR SCHEDULE

Saturday, August 1

- 8:00 a.m. - **4-H HORSE SHOW**, Fairgrounds, Beaver City

Sunday, August 2

- 12:00 p.m. - Tractor Pull at old football field
*** Concessions Available*
- 1:00 p.m. - All barns open for large and small animals
- 2:00 - 5:00 p.m. - The weighing in of market sheep, market goat entries, all breeding livestock, market swine and market beef as well as the entering of all breeding livestock, dairy, rabbits and poultry.

Monday, August 3

*(*4-H & FFA will show together. Clover Kid Class will be first, followed by Senior Division, Intermediate Division & Junior Division Showmanship)*

- 7:00 - 11:00 a.m. Entries of 4-H exhibits and Open Class
- 8:00 a.m. - **4-H & FFA SMALL ANIMAL SHOW** (cats, rabbits, poultry, and small pets)
- 1:00 p.m. - **4-H & FFA Livestock Judging Contest**
- 3:45 p.m. - **Open Class Meat Goat Show - Sponsored by Jesse Koch and Big Iron Auction.**
- 4:30 p.m. - **4-H & FFA MEAT GOAT SHOW**
- **Selection of Overall Harlan County Junior Fair Championship Goat Drive 15 minutes after 4-H Meat Goat Show. Sponsored by Jesse Koch and Big Iron Auction.**
- 5:45 p.m. - **Open Class Sheep Show - Sponsored by Jesse Koch and Big Iron Auction.**
- 6:30 p.m. **4-H & FFA SHEEP SHOW**
- **Selection of Overall Harlan County Junior Fair Championship Sheep Drive will be 15 minutes after 4-H Sheep Show. Sponsored by Jesse Koch and Big Iron Auction.**

*** Concessions Available*

***Central Nebraska Inflatables 5:00pm - 10:00pm*

Tuesday, August 4

*(*4-H & FFA will show together. Clover Kid Class will be first, followed by Senior Division, Intermediate Division & Junior Division Showmanship)*

- 8:30 a.m. - **4-H & FFA BEEF SHOW**
- 5:00 p.m. - Harlan County Cattleman's Free Barbecue
- 7:00 p.m. - Ranch Rodeo & 4-H Coronation Ceremony
** Concessions Available
**Central Nebraska Inflatables 5:00pm – 10:00pm

Wednesday, August 5

*(*4-H & FFA will show together. Clover Kid Class will be first, followed by Senior Division, Intermediate Division & Junior Division Showmanship)*

- 8:00 a.m. - **Open Class Swine Show - Sponsored by Jesse Koch and Big Iron Auction**
- 9:00 a.m. - **4-H & FFA SWINE SHOW**
- **Selection of Overall Harlan County Junior Fair Championship Swine Drive - Sponsored by Jesse Koch and Big Iron Auction.**
- 1:00 p.m. - **4-H & FFA DAIRY SHOW**
- 2:00 p.m. - **BEST DRESSED GOAT CONTEST**
- 7:00 p.m. - Pig Wrestling
- 10:00 p.m. - Release of non-sale animals
** Concessions Available
**Central Nebraska Inflatables 5:00pm – 10:00pm

Thursday, August 6

- 8:00 a.m. - 11:00 a.m. - Release of 4-H Exhibits & Open Class Exhibits
- 9:00 a.m. - **Annual Harlan County Junior Fair Livestock Auction, Sponsored by the Orleans Chamber of Commerce.**
** Concessions Available

Harlan County Fair General Information

**The Harlan County Fair Board Association will not be responsible for any animal or article damaged, but will do all it can to protect everything on exhibition. All protests must be filed in writing with the secretary during the fair, and will be acted upon at the first regular meeting of the board. Any suggestions for improvement will be greatly appreciated and courteously received by Fair Board members. The decisions of the judges are final. The premium will be forfeited on any and all entries removed from the exhibit building before Thursday morning.*

SCHOOL EDUCATIONAL EXHIBITS

All exhibits should be completed by the pupil at school during the school year and without “finishing touches” by the teacher. The best educational exhibit is that which displays work saved throughout the school year in several school subjects. Exhibits should be substantial, securely mounted (except table exhibits) and the individual entry sticker placed on the lower right-hand corner of each exhibit. The entries **will not be judged** but each entry will receive an award ribbon. Each school that exhibits art at the Harlan County Fair will be awarded \$250.00.

HARLAN COUNTY JUNIOR LIVESTOCK SALE

On THURSDAY, August 1, 2019 the Orleans Chamber of Commerce will sponsor its annual Harlan County Junior Fair Livestock Auction. The sale will include 4-H, FFA and Open Class Market Beef, Market Swine, Meat Goats, and Market Lambs that the 4-H exhibitor wishes to sell. The sale will begin at 9 am. The following general rules will apply:

All livestock to be sold must be entered for the sale at the time of registration for the fair. Only livestock exhibited in the 4-H and Open Class market classes at the fair will be eligible for the sale.

- Market Swine to be eligible for the sale must weigh at least 220 pounds.
- Market Lambs must weigh at least 110 pounds to actually sell in the 4-H Livestock Sale.
- Each exhibitor is limited to two (2) calves, (2) swine, (2) sheep & (2) meat goats (*premium only*) can be sold.
- The third market animal may be sold on the open market buyer or taken home, as the members may sell only two through the livestock sale. The exhibitor needs to mark on the entry card which lamb will not be sold at the sale at the time the lambs are checked in.
- Entries may be withdrawn from the sale at the completion of judging of that division (species) event. In case of withdrawal, a member of the committee should be notified.
- Checks will be **mailed** as soon as possible after the weighing is completed.
- All livestock sold must be paid for in full, to the clerk, by the original purchaser.

4-H RULES

**Youth must be 8 years old and/ or not passed their 18th birthday by January 1st of the current year to be enrolled in 4-H*

General Rules:

- 1) 4-H entries for Family and Consumer Science and other Static Entries will be entered on Monday, August 3, from 7:00 to 11:00 a.m. Market livestock will be weighed and entered on Sunday evening August 2, from 2:00 –5:00 pm.
- 2) Number of entries will be unlimited unless otherwise stated in the premium book. Review the premium book for total number of exhibits per project.
- 3) Number of entries: Entries per project area that may be made by one individual: (2) two breeding beef, (3) three market beef, (2) two stocker-feeders, (2) two breeding sheep, (3) three market lambs, (3) three swine, (3) three dairy cows and/or (calves), (3) three meat goats, (2) two breeding meat goat does. A 4-H'er may enter a total of two (2) dairy goats. In addition, a third dairy goat entry may be made in the Best Kid Class.
- 4) All livestock must be owned by the club members. Animals may have been raised by the club members or purchased prior to June 15 of the year owned.
- 5) All cattle should be properly broke to lead before bringing to the fair.
- 6) Any exhibitor who is found to have tampered with or entered an exhibit that is not eligible for exhibit, or does not abide by fair rules, will forfeit any premium or prize won.
- 7) Only Harlan County 4-H members, leaders, parents, brothers, and sisters will be permitted to fit livestock for show on the fairgrounds.
- 8) Youth who are officially enrolled in the Harlan County 4-H program and who are eight (8) years of age through 18 years of age before January 1 of the current year are eligible to exhibit at the Harlan County Fair take part in all 4-H activities. (4-H eligibility is determined based on the 4-H age. 4-H age is the age of the member on December 31 of the previous year. The first year of eligibility for the regular 4-H program is the 4-H age of eight (8) and the last year of eligibility is 4-H age of eighteen (18)).
- 9) All entries must be in accordance to State Fair rules unless otherwise stated.
- 10) Each exhibitor will furnish their own bedding for sheep and swine. By order of the State Fire Marshall, straw will not be allowed at the county fair.
- 11) On the Thursday of the sale, no swine or sheep pens are to be cleaned out until AFTER the completion of the ENTIRE Harlan County Junior Fair livestock auction.
- 12) A herdsmanship contest will be held for all livestock at the fair on a club basis. Each club will be assigned stalls for ALL their cattle in one

section of the barn. Pen assignments will also be made for sheep, county only meat goats, and swine.

- 13) All feeding of livestock shall be done and barns cleaned by 8:00 am each day.
- 14) A committee selected by the fair board will determine livestock breeds, if questioned.
- 15) Only animals entered in a respective breed or weight class will be allowed to be shown in showmanship. No animal may be shown in more than one showmanship class.
- 16) All entry tags are DUE on entry day for all entries including stocker/feeder, breeding animals, and producing cows and all showmanship contests.
- 17) All exhibits **EXCEPT** Stocker/Feeder Calves, Dairy Goats, Dairy Division II and small animals (gerbils, fish, etc.) are required to remain on exhibit until release time.
- 18) Identification of Livestock and Animal Entries – All animals and poultry in the 4-H show must be owned by the exhibitor and ownership certified where required on the appropriate forms in the Extension Office. Market Beef ownership deadline was April 5. The ownership deadline and ownership certification for other animals.
- 19) Clover Kids are youth ages 5-7 (4-H age) and are eligible to participate in the Harlan County Fair as a 4-H Clover Kid in non-competitive designated activities. 4-H Clover Kids must be officially enrolled in the Harlan County 4-H program. Special note for 4-H Clover Kid animal entries: 4-H Clover Kids will be permitted to celebrate their learning and exhibit a bucket calf, swine, sheep, goat, dog and other small animal and/or pet in a non-competitive 4-H class. Allowable animals for 4-H Clover Kids will be no more than six months of age and no more than 350 pounds at the time of the show. 4-H Clover Kids are not allowed to sell their animal through a premium auction. They may sell their animals for base bid, but not for premium. Clover Kid rules are found in the Nebraska State 4-H Policy Handbook.
- 20) All Nebraska 4-H youth 8-18 years of age enrolled and are exhibiting beef, dairy cattle, goats, sheep, swine, poultry, and rabbits are required to complete annual quality assurance training through Youth for the Quality Care of Animals (YQCA) prior to the fair. Affidavits (ID sheets) must be submitted to the Extension Office by *April 1 for Market Beef and June 15 for all other livestock* and designated tags in place in the animal's ears by June 5. Animals not meeting ownership rules are not eligible for the Harlan County Fair.
- 21) Swine exhibitors must have a "premises identification number" to exhibit hogs at the Harlan County Fair.
- 22) 4-H rules will be followed for 4-H and FFA exhibitors respectively, and they will show together. FFA members older than 18 years as January 1st, will exhibit in a separate Showmanship class. All 4-H exhibitors age 8-18, FFA and Open Class exhibitors will be allowed to sell in the

Harlan County Junior Fair livestock auction.

23) **Proper livestock showman attire:** It is recommended that Showman wear hard-soled shoes or boots, the official provided 4-H county t-shirt or FFA t-shirt for showing, dairy, sheep, goats, beef, and swine, poultry, and companion animals. ***The 4-H armband will be worn with a long sleeved white shirt for the horse show only.*** Exhibitors' numbers must be pinned to the back of the exhibitor's shirt. Blue or dark colored jeans are preferred for exhibiting all livestock **EXCEPT** for the dairy and dairy goat show where white pants are recommended.

24) **Rosettes will accompany all grand & reserve division exhibits.**

25) Beef Breed awards will be given at the fall 4-H Achievement Banquet.

**State Fair Information: In classes where presence of the 4-H'er is required for judging purposes, such as animal exhibits, judging contests, demonstrations and fashion show, a 4-H member must be 10 as of January 1 of the current year. The last year of eligibility is the calendar year when the member becomes 19 years of age. For classes where presence of the 4-H'er is not required, the exhibitor must be 8 years of age as of January 1.*

REGISTRATION DEADLINES

Market Beef State Fair Nominations.....	June 15
All Goat, Sheep, Breeding Beef State Fair Nominations.....	June 15
Open Class – Nebraska State Fair.....	August 9
Nebraska State Fair.....	August 10

4-H KING AND QUEEN

****A plaque has been donated in memory of Keith Broeker that lists each year's 4-H King and Queen Ambassadors.***

Requirements:

- Must be 16 years of age by January 1st of the current year.
- At least 2 years of active membership, including the current 4-H program year (Harlan County).
- Upstanding individual willing and capable of promoting 4-H in Harlan County.
- Once named a 4-H King or Queen, they are ineligible to compete again.

Application:

- The application can be picked up at the Extension Office.
- Must be returned to the Extension Office by June 26th.

Outstanding 4-H Livestock Exhibitor

A belt buckle will be awarded to the Outstanding 4-H Livestock Exhibitor, donated by Chuck and Judy Bose. This will be for exhibitors of beef, sheep, swine, meat goat, and dairy. A minimum of two (2) different species must be exhibited to win the award. A point system will be used to determine the winner. Points will be given for each ribbon received on an animal. Points will also be given for activities such as the Livestock Judging Contest and

Showmanship, A tie-breaker will be the exhibits/activities a 4-H'er participates in. A 4-H'er may win the outstanding livestock exhibitor award one (1) time only.

The points are as follows:

	Purple	Blue	Red	White	GC	RGC
Dairy.....5	4	3	2	5	3	
Beef- Market.....5	4	3	2	5	3	
Beef- Breeding.....5	4	3	2	5	3	
Stocker-Feeder:						
Bull.....5	4	3	2	5	3	
Steer.....5	4	3	2	5	3	
Heifer.....5	4	3	2	5	3	
Sheep-Market.....5	4	3	2	5	3	
Sheep-Breeding5	4	3	2	5	3	
Meat Goat.....5	4	3	2	5	3	
Swine Market.....5	4	3	2	5	3	
Livestock Judging.....5	4	3	2	5	3	
Showmanship:						
Beef.....5	4	3	2	5	3	
Swine.....5	4	3	2	5	3	
Sheep.....5	4	3	2	5	3	
Meat Goat.....5	4	3	2	5	3	
Dairy.....5	4	3	2	5	3	

**A plaque has been donated in Memory of Richard L Bose, that lists each of the winners of the outstanding 4-H Livestock Exhibitor award.*

Citizenship, Division 120

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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.

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

Please note: Exhibits are entered at 4-H'ers own risk. We will not be responsible for loss or damage to family heirloom items or any items in this division. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the historical item is larger than 22"x28" please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22" x 28".

Rules:

Supporting Material - All entries must have a statement explaining:

- The purpose of the exhibit
- How the exhibit will be used.
- Exhibitors are encouraged to show evidence of their personal field experiences, study or observations that relate to their exhibit. This helps the judges understand what the 4-H'er did and learned in the process that led to the exhibit.

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.

Project Materials - The official reference for the citizenship projects is Citizenship Public Adventures Kit (MI 7329) and Citizen Guide's Handbook (BU 7330). Other helpful citizenship references include Citizenship Washington Focus guides, Character Counts! and Service Learning Information.

A120001 Care Package Display (SF182) This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, Power Point or another multi-media program to tell about the PROCESS of developing and giving a care package to a service organization. PowerPoint should be saved to a USB/thumb drive. You need to answer the following questions in your exhibit.

1. *How did you select the organization?*
2. *What items did you include in your care package?*
3. *Why did you select those items?*
4. *How did it feel to present your care pack to the organization?*
5. *What did you learn from this experience?*
6. *Other information that you feel is important about the care package or organization.*

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

A120002 Citizenship Game (SF182) - 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 (SF182) - Can be made of any art media but should tie in the relevance of the artwork to citizenship.

A120004 Public Adventure Scrapbook (SF182) - Should describe your Public Adventure or Service Learning Activity. Scrapbooks must measure no more than 16" x 16".

A120005 Public Adventure Poster (SF182) - Should describe your Public Adventure or Service Learning Activity. Display posters must be stiff enough to stand when supported from behind and below. Length and width must be no more than 24" x 28".

A120006 Written or Recorded Stakeholder Interview (SF182) - 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 (SF182) - 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 (SF182) - Addressing the theme "Freedom's Obligations" should be 3-5 minutes. No background music, singing or other enhancement allowed. All essays should be saved as a.wav or mp3 file; a USB/thumb drive will be accepted. Voice tone should be normal and conversational. A copy of the written essay should be attached.

A120009 Service Items (SF182) - can include but aren't limited to lap quilt, Quilt of Valor and homemade toys. Only non-perishable items will be accepted. Attached to the exhibit should be an explanation of who the recipient was and how the service project was made and used. The service item could be part of a larger community service effort.

A120010 4-H Club Exhibit (SF182) - 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, and cultural or creative arts item or care package, Quilt of Valor.

Division 130, I2I

Score Sheet: SF183

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

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

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

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

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

A130006 "This is Who I Am" poem.

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

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

A130009 Play Script - written about a different culture.

Heritage

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

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

Please note: Exhibits are entered at 4-H'ers own risk. We will not be responsible for loss or damage to family heirloom items or any items in this division.

Displays should not be larger than 22" x 28" wide. If the display needs to be a different size because the historical item is larger than 22"x28" please contact the superintendents for approval. Display collections securely in an attractive container no larger than 22" x 28". Each county may enter a maximum of 3 exhibits per class from the Family Folklore and/or Foodways projects.

Exhibits must include NAME, COUNTY, AGE & PAST EXPERIENCE (years in Explore Your Heritage, Family Folklore or Foodways projects) on back of exhibit.

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

Scoresheet SF71

Division 101, Level I: Beginning

A101001 Heritage poster or flat exhibit Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.

A101002 Family Genealogy/History Notebook Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year.

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 must be supported by a written explanation.

A101005 Other exhibits depicting the heritage of the member's family or community Exhibit must be supported by a written explanation. May include, biographical album of themselves or another family member, family cookbooks, etc.

A101006 4-H History Scrapbook A scrapbook relating 4-H history of local club or county. Must be work of individual 4-H'er - no club project. If multiple books included in exhibit, only bring book with most current year's work.

A101007 4-H History Poster - Poster relating 4-H history of local club or 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. Exhibits must be supported by a written explanation.

A101013 4-H Club/County Scrapbook A scrapbook relating 4-H history of local club or county compiled by club historian.

A101014 4-H Member Scrapbook A 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.

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

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 must be supported by a written explanation.

A102005 Other Family Exhibit Depicting the heritage of the member's family or community. Exhibit must be supported by a written explanation. May include, biographical album of themselves or another family member, family cookbooks, etc.

A102006 4-H History Scrapbook A scrapbook relating to 4-H history of local club or county. Must be work of individual 4-H'er - no club project. If multiple books included in exhibit, only bring book with most current year's work.

A102007 4-H History Poster - Poster relating 4-H history of local club or 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 (Displayed securely and attractively in a container no larger than 22" x 28").

A102014 Video/DVD or slide/tape documentary of a family or a community event. Must be produced and edited by 4-H member.

A102015 4-H Club/County Scrapbook A scrapbook relating to 4-H history of local club or county compiled by club historian.

A102016 4-H Member Scrapbook A scrapbook relating to an 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.

Photography, Divisions 181 thru 183

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

4-H members are allowed to exhibit in only one photography level

RULES:

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

Cameras - Photos may be taken with any type of film or digital camera, including phones, tablets, and drones

Photos must be shot by the 4-H member during the current project year with the exception of the Unit III Portfolios which may include images captured and/or exhibited in previous years.

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

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

1. Printed portfolios should be presented in a 8.5x11 three-ring binder or similar book format. Recommended photo size is 8x10. Matting is not necessary.
2. Digital portfolios may be presented online and must be exhibited along with a single 8.5x11 flyer. Flyers must include a link, URL, or QR code that takes users (judges and fairgoers) to their online portfolio.

Display Exhibits - Display exhibits are only accepted in Unit II. Displays consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or mat board. Incorrect sizes will not be accepted. No foam board backing should be used. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distract from the overall display. No titles, captions, or stick-on numbers will be allowed in classes 20-60. Photos may be mounted vertically or horizontally. Appropriate Data Tags are required (see rule regarding Data Tags).

Print Exhibits - Print exhibits must be 8x10 printed mounted in 11x14 (outside size) cut matting with a sandwich mat board backing. Incorrect sizes will not be accepted. No foam board should be used for matting or backing. Mat openings may be rectangular or oval. Photos may be horizontal or vertical. No frames are allowed. Appropriate data tags are required (see rule regarding Data Tags).

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 board. Appropriate data tags are required (see rule regarding Data Tags).

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

Data Tags – Data Tags are required on all photography exhibits in classes 20-70. Data tags should be securely attached to the back of the exhibit. Photos without data tags will not be accepted. Current data tags and help sheet are available at <https://unl.box.com/v/4h-photography>

- A. Level 2 Prints – All Level 2 prints must have a Level 2 Data Tag
- B. Level 2 Displays – Each photo of the display must include a separate Level 2 Data Tag. Data Tags should be numbered with the corresponding photo's number
- C. Level 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.
- D. Level 3 Prints – All Level 3 prints must have a Level 3 Data Tag.
- E. Level 3 Challenging Exhibits - Level 3 Challenging Exhibits must have one Level 3 Data Tag.

On-Campus Exhibition Selection - Prints may be selected from State Fair entries for special on-campus exhibitions. Selected prints will be collected at the end of State Fair and will be returned to county Extension offices after the completion of their on-campus exhibition.

Photography for the Fun of it, Division 183

(County Only) not eligible for State Fair*

Rules : Displays – Displays exhibits are encouraged for Level 1 exhibitors. Displays consist of three 4x6 photos mounted on a single horizontal 11x14 black or white poster or mat board. No foam core backing board is allowed. Each photo in the display must be numbered using a pencil. Numbers should be readable but not distracting from the overall display. 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. Use numbers to identify which photo each data tag corresponds with.

Classes

B183000 Fun with Shadows Display or Print – Photos should capture interesting or creative use of shadows (Activity 4)

B183010 Get in Close Display or Print – Photo should capture a close-up view of the subject or object. (Activity 8)

B183020 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)

B183030 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)

B183040 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)

B183050 Black and White Display or Print – Photos should create interest without the use of color. Photos should show strong contrast and/or textures. Photos may be captured in black and white or captured in color and edited to black and white. (Activity 15)

B183060 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 4x6 photos mounted on a single horizontal 11x14 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)

B183070 A picture story of 4-8 pictures depicting a story. Your story must have a beginning and an end. Pictures may be mounted on any size and color of poster board or in a book format. Captions can be used.

B183080 My Worst Pictures 6 to 10 pictures with a written explanation of why they are your worst pictures. Pictures may be mounted on any size and color of poster board or in a book format.

B183090 Picture Display Entry will consist of three pictures. The 4-H member will exhibit one picture from three different categories. Categories to be selected from include: 1. animal, 2. building, 3. landscape, 4. special effects, 5. still life, 6. sports.

B183100 Photograms an entry will consist of one photogram developed on an 8” x 10” black and white photographic paper, mounted on 11” x 14” cut matting with sandwich backing. Entry will be judge on creativity, use of shapes, texture, black to white color variance, correct exposure and composition.

Level 2 “Next Level Photography”, Division 181

Level 2 photographers should be utilizing all the skills and techniques they have developed thus far in their photography careers, especially topics covered in

Book 1 Photography Basics and Book 2 Next Level Photography.

CLASS B181010 Level 2 Portfolio: Level 2 portfolios should represent the photographer's best work and must include 5-7 different images from the 4-H member's photography career. At least 2 images must have been taken during

the current year. The remaining images may have been taken at any time during the member's 4-H experience and may have been previously exhibited.

Portfolios may include photos which are exhibited in other Level 2 classes during the same year. Portfolios must include:

1. 1-page max bio,
2. table of contents,
3. title for each image,
4. year each photo was taken,
5. device make and model used to capture each image
6. reflections for each image.

When writing reflections, youth should focus on what new photography techniques they were practicing when they took the photo, what makes the image successful, and what could have been done to improve the image.

CLASS B181020 CREATIVE TECHNIQUES & LIGHTING DISPLAY OR

PRINT: Photos should capture a creative use of lighting, such as diffused lighting, backlighting, or hard lighting, reflections, or another lighting technique covered in Book 2 Next Level Photography (Activity 3, 4, 5)

CLASS B181030 COMPOSITION DISPLAY OR PRINT: Entry will consist of 3 completely different views or angles of the same subject or a print that illustrates one of the following composition lesson in the Level 2 Project Manual (Rule of Thirds, The Golden Photo, Space Tells the Story, Building a Photo, and Capture a Candid Photo. Scoresheet SF87 (Controlling the Image, p. 34-53)

CLASS 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)

CLASS B181050 CANDID PHOTOGRAPHY DISPLAY OR PRINT: Candid photos should capture a special moment or meaningful interaction. Photos should be un-posed. (Activity 10)

CLASS B181060 EXPRESSION THROUGH COLOR DISPLAY OR: 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)

CLASS B181070 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 4x6 photos mounted on a single 11x14 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)

Level 3, Mastering Photography, Division 182

Level 3 photographers should be exploring and experimenting with advanced techniques. This may include but does not necessarily require using an SLR camera, manual adjustments, or other advanced equipment. Level 3 photographers should be utilizing all the skills and techniques they have developed throughout their photography career, especially topics covered in Book 1 Photography Basics, Book 2 Next Level Photography, and Book 3 Mastering Photography. (SF88)

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

CLASS 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)

CLASS B182030 ADVANCED COMPOSITION PRINT: Entry will consist of a print that demonstrates advanced and creative composition techniques. (SF88) (Mastering Photography, p. 34-50)

CLASS 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)

CLASS 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)

CLASS 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)

CLASS B181070 CHALLENGING PHOTO EXHIBIT - PHOTO JOINER: Using Activity 13 as a guide, create a photo joiner. Photos joiners should include more than 15 separate photos. Recommended photo size is 3x5 or 4x6. Photos should be securely mounted to an appropriately sized post board (minimum: 11x14; maximum: 22x28). No foam core backing. A single data tag is required for the exhibit. (Activity 13)

COMMUNICATIONS:

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 to viewers.

Song/Talent Contest, Division 153 (County Only)

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 1.00.....Individual

Premiums: Purple 21.00, Blue 16.00, Red 11.00, White 1.00.....Group

The County fair 4-H performing arts contest will be held on *Monday evening July 22* at the Ag Center in Orleans in conjunction with the public fashion show. Any Harlan County 4-H member may be a member of a song and/or talent group, but an individual boy or girl can appear in only one song group. The members of the group need not be members of the same 4-H club. Accompaniment may be live or recorded. Any number of songs may be sung within the six (6) minute time limit. Groups may sing any selection of their choice. Each class may consist of girls, boys or both. All groups must consist of 4-H participants.

B154901 Individual solo

B154902 Song Group (Duet)

B154903 Song Group (3 or more 4-H members)

B154904 Drill or Dance Team (May be a drill, square or folk dance, tap dance, or any other routine done as a group.)

B154905 Combo or Band Group may be of any size with instruments of their choice: guitar, piano, flute, etc. Your combo or band may include vocalists also. All performers in the band or combo class must be 4-H members.

B154906 Talent Act May be any form of talent. A 4-H'er may enter only one talent act, but may also enter one of the classes above.

Public Speaking, Division 902

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

ELIGIBILITY

- Youth must be currently enrolled in 4-H.
- Youth may participate in both the Speech and PSA categories.

Speech General Rules:

- Length of Speeches: Senior Division: 5 to 8 minutes; Intermediate Division: 3 to 5 minutes; Junior Division: 1 to 3 minutes; Clover Kid Division: Under 3 minutes.
- All speeches must be original and include 4-H as the major component of the speech.
- 4-H public speakers may not use an old speech written by a sibling, other 4-H member, or anyone else.
- Acknowledge the source of information used in the speech. For example, an article from a magazine may be used for reference but should not be quoted directly unless you tell the audience your source.

- Use of visual aids and props are not allowed.
- Dress appropriately. Do not wear costumes or special effect clothing.
- No team speeches are allowed.

Public Service Announcement (PSA) Category Rules

- All PSA's are 60 seconds in length.
- The state theme for the 2020 Public Service Announcement is Inspire Kids to Do, and should be incorporated in the PSA.
- All radio PSAs must promote 4-H and be general enough to be used anywhere in Nebraska at any time of the year.
- All 4-H PSAs 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." The tag line is included in the 60 second time limit. Sound effects and public domain music may be used. Copyrighted material may not be used.
- All PSAs must be the original work of the presenter. Contestants may not use PSA written and provided by the state or national staff.
- No team PSAs are allowed.
- Radio PSA will be submitted electronically as a .wav or mp3 format along with the registration form.

Classes:

- B902001 Clover Kid Division** (under 8 as of January 1st of the current year.)
B902002 Junior Division Public Speaking (8-10 as of January 1.)
B902003 Intermediate Division Public Speaking (11-13 as of January 1.)
B902004 Senior Division Public Speaking (14-18 as of January 1.)

Presentations

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

Illustrated Presentation: all participants must have received a purple rating at a County 4-H Presentations contest.

RULES:

- All participants must be 10 years old before January 1 of the current year.
- A team presentation, consisting of two (2) individuals, may be given for any class; there is no separate class for team presentations.
- Each participant is required to wear one of following during their presentation: the 4-H chevron, the 4-H emblem, or a 4-H shirt.
- Enrollment in the project area in which the participant is making a presentation is not required.

Illustrated Presentations, Division 151

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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. Presentations are given on a stage/platform. Judge views the entire presentation and engages in a question and answer session following presentation.

Participant Requirements:

- Youth may only participate in one class within Division 151.
- Time limit is 6-8 minutes for a presentation given by an individual, and 8-10 minutes for a presentation given by a team. Participants may be penalized if their presentation exceeds the time limits.

Presentation Topic:

- All 4-H Presentations topics should be related to what the 4-H youth is learning through 4-H educational experience focused on the priorities of career and college readiness, community development, entrepreneurship, food supply confidence, healthy living, leadership development, and STEM (science, technology, engineering, math).
- Enrollment in the project area in which the participant is making a presentation is not required.
- 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).

Contest Information:

- The check-in area will contain a refrigerator and a temporary storage space for presentation supplies. Only presenters and contest officials will be permitted in the designated preparation areas; no relatives or friends, please. Presenters are expected to clean up the areas in which they work.
- 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 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.

Class B151112 - Premier Presenter Contest (SF65)

Class B151113 - Illustrated Presentation (SF65)

Class B151114 - Illustrated Presentation, Special Topic: Nebraska Agriculture (SF65)

Class B151115 - Illustrated B151115 (SF65) - Illustrated Presentation, Special Topic: Nebraska Agriculture, Food Preparation

Teaching (Trade Show Exhibit) Presentations Division 152

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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. Multiple (up to 6) Teaching Presentations will be scheduled simultaneously, allowing fairgoers/contest attendees to learn from many 4-H youth at one time. Teaching Presentations are given behind a table amongst 4-H exhibits. Judge occasionally stops to view presentation, ask questions, and observe audience engagement.

Presentation Topic:

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

Contest Information:

- Presenters are expected to clean up the areas in which they work.
- Equipment provided includes one (1) table, one (1) easel, electricity, and projector.
- Live animals may be used in the presentation. All 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.

Class B152001 - Teaching Presentation Contest (SF66)

Communications, Division 154

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 to viewers.

COMMUNICATIONS, MODULE 2

RULES:

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

Class B154001 - Poster (SF94) Create a poster, measuring either 22"x28" or 24"x36", that showcases what was learned in this project area.

Class B154002 - Essay (SF94) Write an essay (3-5 pages) that showcases what was learned in this project area.

COMMUNICATIONS, MODULE 3

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

Class B154003 - Poster (SF94) Create a poster, measuring either 22"x28" or 24"x36" that showcases what was learned in this project area.

Class B154004 - Essay (SF94) Write an essay (3-5 pages) that showcases what was learned in this project area.

Class B154005 - Digital Media (SF94) Design a form of digital media (advertisement, flyer, short video or presentation, social media or web page, etc.) that showcases what was learned in this project area. Upload the digital media file to an online location (web site, Dropbox, Google Drive, YouTube, Flickr, etc.) and using the web address of the digital media file, create a QR code (using any free QR code creator, ex. qr-code-generator.com). Print the following on an 8.5"x11" sheet of cardstock: 1) the QR code, 2) 1-3 sentences about what viewers will see when they access the QR code on their mobile device.

Consumer & Family Sciences

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

Child Development, Clothing, Fiber Arts/Knitting and Crocheting, Consumer Management, Fashion Show, Shopping in Style, & Home Environment.

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

Human Development, Division 200

Exhibitors in the Human Development project area will be asked to focus on designing toys/games/activities that meet the different needs of children.

Categories are based on the Early Learning Guidelines in Nebraska which identify the important areas in which our children should grow and develop. Use the Nebraska Department of Education website and the resources around the Early Learning Guidelines to help understand the six areas and the skills children need to develop to create your exhibit, in conjunction with your project manual. <http://www.education.ne.gov/OEC/elg.html>

INFORMATION SHEETS

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 months; Toddlers, 18 months-3 yrs; Preschoolers, 3-5 yrs or Middle Childhood, 6-9 yrs.) 4-H'ers must give at least 2 examples that help in understanding the appropriateness of this exhibit for the age of the child (see project manuals).
4. How is the toy, game or activity intended to be used by the child?

Information sheet for Class 8 should include:

1. State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for.
2. What are children this age like? Give 2 examples 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).

I HAVE WHAT IT TAKES TO BE A BABYSITTER may enter:

Toy, game, or activity made for a selected and identified age group. The intent is for the toy/game/activity to teach the child in the developmental area related to each class. For example a game that is developed to help youth learn language and literacy skills would be an exhibit for class 2. Each area is a different class. Information sheet required or exhibit will be dropped a ribbon placing for classes 1-6.

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 (SF115) Poster or scrapbook showing 4-H'er working with a child age 0 to 8 years. May show making something with the child, or child care or child interactions. May include photos, captions, story or essay. Size of exhibit is your choice. Other people may take photos so 4-H'er can be in the photos. 4-H'er must make scrapbook or poster. No information sheet needed for class 7.

C200008 - Babysitting Kit (SF85) 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. Most 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.

DEPARTMENT C-200 may enter:

C200009 - Family Involvement Entry (SF 115) Scrapbook, poster or story describing an activity the family did together. It might include making something such as a doll house or feed bunk. Items may be exhibited if desired. Other possibilities include a house or farm cleanup project, a family reunion, a celebration of a family milestone, a trip or vacation, moving, a community service project. Photographs are encouraged. Visuals should show family participation. Participation by all family members is important. Include a list of family members and what each person did to participate in the event.

GROWING ALL TOGETHER (2 or 3) may enter:

C200010 - Growing with Others Scrapbook or Poster (SF115). 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.

C200011 - Growing in Communities (SF115) 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

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

A 4-H'er may have unlimited exhibits per class.

RULES:

General: Garments as listed may be made for self (4-H member) or another person. Garments will be displayed by county. 4-H'ers enrolled in clothing projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in STEAM Clothing 3, you are not eligible to exhibit in STEAM Clothing 2.

Criteria for Judging: Refer to the Nebraska 4-H website for current state fair scoresheets at www.4h.unl.edu. In addition, all entries must conform to rules and regulations as set forth in the current Nebraska State Fair Book.

Entry Tags: Every clothing exhibit must be described on the appropriate entry tag accompanying it (for example: dark blue wool skirt and jacket, red and white figured blouse). Entry tag placement: as you look at the garment place the entry tag securely using straight pins or safety pins on the right side of the

garment and the hook of the hanger to the left.

Identification Labels: Each item entered as a clothing, knitting or crochet exhibit must have a label attached stating: County, Exhibitor's name and age, project name and class in which garment is entered, and the number of years enrolled in the project exhibited. Wool entries must have the fiber content listed on the identification label. Attach a label on every component of the outfit using safety pins or by basting. Not responsible for unlabeled items.

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

Fundamentals Division 219 – COUNTY ONLY

**** not eligible for State Fair***

(*Formerly known as “Clothing 1” and “Sewing for Fun”)

Beginning Sewing Exhibits: Exhibits will be simple articles requiring minimal skills.

Follow suggested skills in project manual. It is suggested that exhibits 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.

Avoid plaids, stripes, napped or jersey knit. Patterns should be simple without darts, set-in sleeves, and collars. Raglan and kimono sleeves are acceptable.

C219001 Needle Book & Pin Cushion

C219002 Pillows (Straight, Square, Diagonal, or Sew Fun)

C219003 Bags

C219004 Windsocks – Kites

C219005 Other Articles from Project – or Project using basic beginning skills.

C219007 Simple pull-on pants/shorts, or skirt or wrap skirt

C219008 Simple pullover top/shirt

C219009 Simple Vest

C219010 Apron

C219011 Extra Article (*Not Eligible for State Fair)

GENERAL CLOTHING, Division 220

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

C220001: Clothing Portfolio (SF20) – Complete at least four different samples/activities from Chapters 2, 3 OR 4 of the project manual. The Portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. Portfolio should build upon itself each year (additional pages can be added each year, but should be dated.) See pages 9-11 in STEAM Clothing 2: Simply Sewing

project manual for portfolio formatting.

C220002: Textile Science Scrapbook (SF20) – Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in STEAM Clothing 2: Simply Sewing project manual to identify fabric swatches. Completed textile cards should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. Textile Science Scrapbook should build upon itself each year (additional pages can be added each year, but should be dated). See project manual for fabric suggestions.

C220003: Sewing For Profit (SF63) - Using page 161-167 in the STEAM Clothing 2: Simply Sewing project manual, display what products you posted online and analyze the cost of goods purchased to determine the appropriate selling price for your product. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30".

Beyond the Needle, Division 221

4-H members must show their own original creativity.

Class C221001: Design Portfolio (SF20) – A portfolio consisting of at least three design samples or activities. Refer to the project manual for activity ideas. The Portfolio should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. (Additional pages can be added each year but should be dated.) See pages 14-16 for portfolio formatting.

C221002: Color Wheel (SF20) – Create your own color wheel, complimentary color bar or color scheme using pages 27-39 in the project manual. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22" x 30".

C221003: Embellished Garment With Original Design (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 (SF27) - Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. Exhibit consists of at least one yard of finished fabric. Include information on how the fabric was designed – describe the process and materials used and how the fabric will be used. If additional information is not included, exhibit will be lowered one ribbon placing.

C221005: Item Constructed From Original Designed Fabric (SF26) (Only garments are eligible for State Fair 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 used. If additional information is not included, exhibit will be lowered one ribbon placing.

C221006: Textile Arts Garment or Accessory (SF25) (Garment eligible for State Fair 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 (SF23) (Not eligible for State Fair Fashion Show) - An accessory designed and/or constructed using elements and principles of design and basic skills; can be textile or non-textile based.

Example: shoes, strung bracelet/necklace, wire wrapping, scarves, flip flops, design on tennis shoes, 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.

C221008: Advanced Fashion Accessory (SF23) (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 (SF33) (Not eligible for State Fair Fashion Show) - Technology is integrated into the garment in some way (For example: LEDs, charging capabilities, sensors, and etc.)

C221010: Wearable Technology Accessory (SF33) (Not eligible for State Fair Fashion Show) - An accessory constructed integrating technology into the accessory (For example: Charging Backpack, Fitness Tracker, and etc.)

STEAM Clothing 2, Simply Sewing, Division 222

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

C222001: Design Basics, Understanding Design Principles (SF20) – 4-H members 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 (SF20) – 4-H Members enrolled in STEAM Clothing 2 may enter a hem 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 (SF21) (not eligible for State Fair Fashion Show) Create a garment from used textile based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A "before" picture and a description of the redesign process must accompany the entry.

C222004: Upcycled Clothing Accessory (SF22) (not eligible for State Fair Fashion Show) - A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A "before" picture and a

description of the redesign process must accompany the entry.

C222005: Textile Clothing Accessory (SF23) (not eligible for State Fair Fashion Show) - Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 2. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

C222006: Top (SF28) (not eligible for State Fair Fashion Show) vest is acceptable

C222007: Bottom (SF28) (not eligible for State Fair Fashion Show) pants or shorts

C222008: Skirt (SF28) (not eligible for State Fair Fashion Show)- Scoresheet SF28

C222009: Lined or Unlined Jacket (SF28) (not eligible for State Fair Fashion Show)

C222010: Dress (SF28) (eligible for State Fair Fashion Show) not formal wear

C222011: Romper or Jumpsuit (SF28) (eligible for State Fair Fashion Show)

C222012: Two-Piece Outfit (SF28) (eligible for State Fair Fashion Show)

C222013 Alter Your Pattern (SF31) - (Eligible for State Fair Fashion Show, in the class that best describes the type of garment constructed i.e. Dress, Romper or Jumpsuit, or Two-piece Outfit) - Garment constructed from a significantly altered pattern. Entry must include both the constructed garment and the altered pattern. Include information sheet that describes: 1) how the pattern was altered or changed, 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 2 include: moving darts, merging two patterns together, altering a pattern for a woven or knit material, adding a lining)

C222014 Garment Constructed from Sustainable or Unconventional [natural or synthetic] fibers (SF32) (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.

STEAM Clothing 3, A Stitch Further, Division 223

Exhibits entered in this project must reflect at least one new skill learned from this manual (see project manual skill level list). Garments as listed may be made from any pattern or any fabric and should demonstrate sewing skills beyond STEAM Clothing 2.

Entry consists of constructed garments only.

Wool entries must have the fiber content listed on the identification label.

C223001: Upcycled Garment (SF21) (not eligible for State Fair Fashion Show) Create a garment from used textile based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A "before" picture and a description of the redesign process must

accompany the entry.

C223002: Upcycled Clothing Accessory (SF22) (not eligible for State Fair Fashion Show) - A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A "before" picture and a description of the redesign process must accompany the entry.

C223003: Textile Clothing Accessory (SF23) (not eligible for State Fair Fashion Show) - Textile accessory is constructed using at least one skill learned in this project from materials appropriate for STEAM 3. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

C223004: Dress or Formal (SF28) (Eligible for State Fair Fashion Show)

C223005: Skirted Combination (SF28) (Eligible for State Fair Fashion Show) skirt with shirt, vest or jacket OR jumper and shirt

C223006: Pants or Shorts Combination (SF28) (Eligible for State Fair Fashion Show) pants or shorts with shirt, vest or jacket

C223007: Romper or Jumpsuit (SF28) (Eligible for State Fair Fashion Show)

C223008: Specialty Wear (SF28) (Eligible for State Fair Fashion Show)- includes: swim wear, costumes, hunting gear, or chaps

C223009: Lined or Unlined Jacket (SF28) (Eligible for State Fair Fashion Show) non-tailored

C223010: Coat, Blazer, Suit Jacket or Outerwear (SF29) (Eligible for State Fair Fashion Show) - A tailored blazer or suit jacket or coat. Wool entries must have the fiber content listed on the identification label to be considered for the Make It With Wool Award.

C223011: Alter/Design Your Pattern (SF31) - (Not eligible for State Fair Fashion Show) Include information sheet that describes: 1) how the pattern was altered or changed, 2) why the changes were needed/wanted. Appropriate skills for altering/designing a pattern in STEAM 3 include: moving darts, adding a zipper, merging two patterns together, altering a pattern for a woven or knit material, adding a lining, designing your own pattern)

C223012: Garment Constructed from Sustainable or Unconventional [natural or synthetic] fibers (SF32) (Not 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.

Fashion Show

Premiums: Purple 5.00, Blue 4.50, 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 on fit, construction, poise, and overall look of the garment on the individual. Shopping In Style contestants are judged on garment fit, the overall look of the outfit, and poise, as well as record keeping skills in the written report.

Judging – Date, Time and Location TBA – Those 4-H members modeling constructed garments will be judged for Construction/Fit and Selection/Creativity before modeling on the public stage and will be judged for Individual Modeling/Accessories while on stage.

****Shopping in Style** - Those 4-H members modeling purchased garments will be judged on stage for modeling skill, fit, and appearance of the outfit and accessories. Judging on stage is worth 60% of the score. Judging of the completed written report Form SF184, revised 2/2018. The written report Form SF184, revised 2/2018 is worth 40% of the total score and is judged on content, completeness, accurate information, and neatness

Classes:

* **C410002 - STEAM Clothing I** (*County Only*)

C410010 - Modeled “Beyond the Needle” Embellished Garment(s) with an Original Design - Garment is created using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-H member using the elements and principles of design to make an original statement.

C410015. Modeled “Beyond the Needle” Garment Constructed From Original Designed Fabric - Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.

C410020. Modeled “Beyond the Needle” Textile Arts Garment(s) - Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

C410025. Modeled “Beyond the Needle” Wearable Technology Garment- Garment has integrated technology into its design.

C410030 - Modeled Constructed STEAM Clothing 2 Garment(s) 4-H members who have enrolled in or who have completed STEAM Clothing 3 projects are not eligible to enter STEAM Clothing 2. Possible types of STEAM Clothing 2 garments include:

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

C410040 - Modeled Constructed STEAM Clothing 3 Garment(s) - Possible types of STEAM Clothing 3 garments include:

- Dress or formal; OR
- Skirted Outfit Combination (skirt with top, vest, lined/unlined jacket OR jumper and shirt) A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants or shorts.; OR
- Pants or Shorts Outfit Combination (pants or shorts with top, vest, 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; OR

- Specialty Wear (swim wear, costumes, western wear-chaps, chinks, riding attire or hunting gear); OR
- Non-tailored Lined or Unlined Jacket or Coat, additional pieces with jacket or coat may either be constructed or purchased.; OR
- Tailored Coat, Blazer, Suit Jacket, or Outerwear. Additional pieces with coat, blazer, jacket or outerwear may either be constructed or purchased.

C410050 - Modeled Knitted or Crocheted Clothing (Level 2 or 3)

C410060 - Modeled Shopping In Style Purchased Outfit and Written

Report SF184 - 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.

* **C410045 - Upcycled Garment** (*County Only*)

* **C410080 - Extra Garment** (*County Only*)

Fiber Arts

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

All knitted and crocheted items will be displayed in the clothing area and will be judged before fair at clothing and construction judging.

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

RULES:

Entry Tags: Every exhibit must be described on the appropriate entry tag accompanying it (for example: blue afghan, yellow sweater, crocheted gray elephant). Attach the entry tag securely to the exhibit using straight pin or safety pins (no paper clips).

Identification Labels: Each item entered as a knitting or crochet exhibit must have a label attached stating: County, Exhibitor's name and age, project name and class in which exhibit is entered, and the number of years enrolled in the project exhibited. Wool entries must have the fiber content listed on the identification label. Attach a label on every component of the exhibit using safety pins or by basting. Not responsible for unlabeled items.

Preparation of Exhibits: Knitted and Crocheted exhibits should be entered in the most appropriate manner for the exhibit.

General: Garments as listed may be made for self (4-H member) or another person. All knitted and crocheted items will be displayed together or by county. 4-H'ers enrolled in knitted and crocheted projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in Knitting Level 3, you are not eligible to exhibit in Knitting Level 2.

Knitting, Division 225

*** All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. **Scoresheet SF60 for all classes***

All knitted items will be displayed in the clothing area.

Criteria for judging knitting: Design and Color, Neatness, Knitting Mechanics, Trimmings, and Constructions Finishes.

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 you learned as you worked toward your goal(s)?
4. Gauge-Number of rows per inch; number of stitches per inch.
5. Size of needles, finger knitted, arm knitted, loom or machine knitted
6. Kind of yarn – weight and fiber content.
7. Names of stitches used.
8. Copy of directions.

Unit I (*County Only)

C224001 – Level 1 Knitted Clothing or Home Environment Item

Unit II

C225001 Level 2 Knitted Clothing (Garment eligible for State Fair Fashion Show) - 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 (Garment eligible for State Fair Fashion Show) - Knitted item or garment made from advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle. made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.

Class 225006 Level 3 Knitted Home Environment Item - Knitted item made by using stitches learned in Level 2 while advancing to circular knitting, double pointed needle knitting, knitting with multiple pattern stitches, and changing colors throughout the garment such as argyle knitting and chart knitting.

Class 225007 Level 3 Machine Knitting

Crochet, Division 226

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

Score sheet SF61 for all classes

All crochet items will be displayed in the clothing area.

Criteria for judging crochet: Design and Color, Neatness, Crochet Mechanics, Trimmings, and Construction Finishes.

Each crocheted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing:

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

Unit I (*County Only)

C228001 Level 1 Crocheted Clothing or Home Environment Item

Unit II

C226001 Level 2 Crocheted Clothing (Garment eligible for State Fair Fashion Show) - Crochet garment using basic stitches [including: chain, single, double, half-double, treble] to form patterns

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

C226003 Level 3 Crocheted Clothing (Garment eligible for State Fair Fashion Show) - Crochet garment using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

C226004 Level 3 Crocheted Home Environment Item - Crochet item using stitches learned in Level 2 while advancing to use afghan stitch, broomstick lace, hairpin lace, design motifs, and multiple pattern stitches.

Consumer Management

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

Shopping in Style, Division 240

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 (SF84) (Ages 10-13 before January 1 of the current year) Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). Do not include the Shopping In Style Fashion Show Information Sheet in your entry for this class. Although both entries do share some information, there are differences in content and format for this class.

Provide details about wardrobe inventory which indicates the following:

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

C240002 Best Buy for Your Buck (SF84) (Ages 14-18 before January 1 of the current year) Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video, no posters please (see general information above). **DO NOT include the Shopping In Style Fashion Show Information Sheet in your entry. Although both entries do share some information, there are differences in content and format for this class.**

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

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

C240003. Revive Your Wardrobe (SF88) - 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 (SF89) - Select 6-8 color photos of you wearing different colors. Half should be what you consider to be good personal color choices and half should be poor personal color choices. Write a brief explanation with each photo describing your selections. Refer to the manual

page 23 for more information. Entry should be a poster (see general information).

C240005. Clothing 1st Aid Kit (SF64) - Refer to page 73 of the manual and complete a clothing first aid kit. Include a list of items in the kit and brief discussion of why each was included. Put in appropriately sized box or tote with a lid. No larger than a shoe box.

C240006. Mix, Match, & Multiply (SF90) - Using this concept from page 32 of the manual take at least 5 pieces of clothing and create new outfits. Use your imagination to show various looks (i.e. on a clothes line, in a tree, on a mannequin). Include a brief discussion of each outfit which demonstrates what you have learned by completing this entry. Entry can be a binder, poster, or video (see general information).

My Financial Future, Division 247

General Information: Entries should be typed and then attached to a piece of colored card stock or colored poster board (limit the size of the poster board or card stock to 14" x 22" or smaller). You may use the front and back of the poster board. **Scoresheet: SF247**

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?

C247007 Interview - Interview someone who is paid a salary; someone who is paid a commission; and someone who is paid an hourly wage. Have them answer the following questions plus any additional questions you may have.

- *What are some benefits of receiving your pay the way you do (salary, commission, or hourly wage)?
- *What are some negative outcomes for getting paid the way you do?
- *Does your pay keep pace with inflation? Why do you think this?
- Summarize: Based upon 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.

Quilt Quest

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

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

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

Rules:

- A. All entry cards and support information must be attached using a safety pin. No straight pins.
- B. When judging Quilt Quest exhibits, the judges consider **SF209 “Standards for Judging Quilts and Quilted Items.”**

- C. 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 collection 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 2.5” squares of fabric from a manufactured designer or fabric line.
 - **Turnover** is a collection of coordinating fabrics that are cut into 6” triangles.
 - **Fat Quarters** are ½ yard cuts of fabric which are cut in half to make a rectangle that is approximately 18” x 21”. (One half yard of fabric yields 2 fat quarters). The “fat quarter” can be more economical to purchase for a smaller quilt because the purchaser does not have to buy the entire yardage width.
 - **Fabric Kit** is a collection of fabrics cut in large pieces to accommodate the requirements of a particular quilt pattern. The 4-Her must cut out all of the smaller squares, rectangles, etc. to make the quilt top according to the pattern directions.

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

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

Class C229010 - Exploring Quilts (SF208C)

Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to: language arts, quilts of different cultures, chemistry, design, preservation, history, and construction, math-conversion of quilt patterns, textiles/fabrics, computerization, and entrepreneurship. History may include history of an old quilt or history/research of a particular style of quilt such as Baltimore album quilts or Amish quilts. Exhibit may be a 14 x 22 inch poster,

notebook, CD, PowerPoint, Prezi, DVD, YouTube, or other technique. All items in an exhibit must be attached together and labeled. NO quilted items should be entered in this class.

Class C229030 - Computer Exploration (SF208C) Poster or notebook with a minimum of six computer generated quilt designs or color variations on a quilt design. Include information on type of program used, process used to generate designs, or how you used color to create different quilt designs. Size of poster or notebook to be suitable for the exhibit.

QUILT DESIGN OTHER THAN FABRIC

RULES: Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Tag templates can be found on the 4-H State Fair website, please note this is in the Home Environment information sheet:

<http://4h.unl.edu/fairbook#tab3>

Class C229020 (SF208B) Two or three-dimensional item with quilt design made using medium other than fabric, such as wooden quilt block, stained glass, paper, etc.

BARN QUILTS

RULES: Supporting information is required for this exhibit. Information must also include elements or principles of design used and steps taken to complete project. Tag templates can be found on the 4-H State Fair website, please note this is the Home Environment information sheet:

<http://4h.unl.edu/fairbook#tab3> Exhibits without supporting information

will be dropped a ribbon placing.

Class 229021 (SF208B) - Barn Quilt created that is less than 4'x4'.

Class 229022 (SF208B) - Barn Quilt created that is 4'x4' or larger.

QUILTED EXHIBITS

Classes 50 – 52 Pieced quilts made up of squares and/or rectangles (SF208A)

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

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

Class C229052 Large - length + width = over 120"

Classes 60 – 62 In addition to any of the methods in classes 50–52, quilts may have triangles, and/or may be embroidered. (SF208A)

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

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

Class 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, applique, Celtic style, stained glass style, paper piecing, art quilt style (An art quilt is an original exploration of a concept or idea rather than the handing down of a “pattern”. It experiments with textile manipulation, color, texture and/or a diversity of mixed media. An Art Quilt often pushes quilt world boundaries), or other non-traditional styles. (SF208A)

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

Class C229071 - Medium - length + width = 61” to 120”

Class C229072 - Large - length + width = over 120”

PREMIER QUILT

Classes 80 – 83

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

Class C229080 (SF208A) - Hand quilted

Class C229081 (SF208A) - Sewing machine quilted

Class C229082 (SF208A) - Long arm quilted—non-computerized/hand guided

Class C229083 (SF208A) - Long arm quilted—computerized

Home Environment

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

HOME ENVIRONMENT EXHIBITS are evaluated by these criteria:

- 1.) Items must be designed to be used for home decorating, home furnishing or home management (no clothing, purses, note cards, scrapbooks/photo albums, etc.)
- 2.) Accessories should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. **Holiday-specific items are discouraged.** Exhibits made from kits are also 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 mat board or artist canvas panels allowed. Wrapped canvas (if staples not visible on edge) is accepted without framing. Make sure hangers are strong enough to support the item. Command strips are not adequate hangers. Items not ready for display will be dropped one ribbon placing.
- 6.) Items should **not** be made for beginning level or other projects (ex: simple (10 minute) table runners or woodworking). Exhibits from the beginning level project, Design My Place, are county only and not state fair eligible.
- 7.) **SIZE OF EXHIBITS** – Exhibits may be no taller than 7 feet and no wider than 6 feet. **ALL EXHIBITS MUST BE ABLE TO BE EASILY LIFTED BY 2 4-H STAFF.**
- 8.) **ENTRY TAGS** - An entry tag which includes a clear description of the entry must be securely attached to each Home Environment exhibit. Use color, pattern or picture descriptions to aid in identification. No straight pins.
- 9.) **IDENTIFICATION** - In addition to the entry tag, a label with the exhibitor's name and county should be attached to each separate piece of the exhibit.
- 10.) **SUPPORTING INFORMATION** - Supporting information is required for all Home Environment exhibits. Information must include elements or principles of design used and steps taken to complete project. Tag templates can be found on the 4-H State Fair website: <https://unl.box.com/s/8tlog5jhw8fa2cztvrh6y71pq1rp8e6v>
**Exhibits without supporting information will be dropped a ribbon placing.

Design My Place, Division 254 (County Only)

**** not eligible for State Fair***

Scoresheet SF200: Classes 1 – 9

- C254100 Needlework accessory (made with yarn or floss)**
- C254200 Simple fabric accessory (pillow, laundry bag, pillow case, table runner, etc.)**
- C254300 Accessory made from original batik or tie dye.**
- C254400 Simple accessory made by 4-H'er using wood, plastic, glass, clay, or paper.**
- C254500 Storage item made or recycled.**
- C254600 Bulletin or message board.**
- C254700 Metal Tooling or Metal Punch Accessory.**
- C254800 Problem Solved:** Used creative method to show how you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan, etc.)
- C254900 Video** showing how to make a bed or organize a room.

CreaZcraft, Division 255 (County Only)

*** not eligible for State Fair**

Scoresheet SF200

Projects do not need to be framed. Supporting information is required.

C255001 Sunography

C255002 Monster Wreath

C255003 Mini Snow Globe

C255004 Framed Chalk Board

C255005 Water Color Portrait

C255006 Denim Bag

C255007 Scooter Board

Heirloom Treasures/Family Keepsakes, Division 256

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

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

Attach information including:

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

C256001 Trunks (SF206), 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 (SF205).

May include a display of a collection or collectibles, being careful not to destroy value of the collection.

C256003 Furniture (SF205)- 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 (SF205)

- A reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed, and simple repairs made. Item would not be refinished or repainted, but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. Consult extension publication Care and Conservation of Heirloom Textiles for information on textiles. (Refinished items go in classes 2 – 3.) This class is for situations where it may be best to do very little to the item to maintain its antique value. Item or article should be of complexity suited to an advanced project.

**** Item or article should be of complexity suited to an advanced project.**

Design Decisions, Division 257

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. Attach information to explain steps taken.

Information must also include element or principle of design used (P 9-12)
All static exhibits must have received a purple ribbon at the county fair to advance to state fair.

C257001 Design board for a room (SF201) *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 (SF201) – Identify a problem (as problem windows, storage needs, inconvenient room arrangement, cost comparison, energy conservation, waste management, etc.) OR, *explore and 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 (SF201) - 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 the home.

C257004 Technology in Design (SF200) - 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 (SF201) Show what was done as a community service activity related to this project. In a notebook, photo story, or poster, show the purpose and results of that activity. Ex: painting a mural at a daycare or 4-H building, helping an elderly person paint or clean their home, etc. May be an individual or club activity.

C257006 Window Covering (SF200) May include curtains, draperies, shades, shutters, etc.

C257007 Floor covering (SF200) May be woven, braided, painted floor cloth, etc. Maybe exhibited as a poster or multimedia presentation (on CD).

C257008: Bedcover (SF200) May include a quilt, comforter, bedspread, dust ruffle, pillow sham, canopy, etc. For quilts, state who did the quilting. (No tied fleece blankets.)

C257009: Accessory - Original Needlework/Stitchery (SF200)

C257010: Accessory Textile – 2D (SF200) table cloth or runner, dresser scarf, wall hanging, etc. No tied fleece blankets or beginning/10-minute table runners.)

C257011: Accessory Textile – 3D (SF200) pillows, pillow shams, fabric bowls, etc. No fleece tied exhibits.

C257012: Accessory - 2D (SF200)

C257013: Accessory -3D (SF200) string art, wreaths, etc.
C257014: Accessory - Original Floral Design (SF200)
C257015 - Accessory - Original made from Wood (SF200) – burn, cut, shape or otherwise manipulate
C257016 - Accessory - Original made from Glass (SF200) – etch, mosaic, stain, molten or otherwise manipulate
C257017 - Accessory - Original made from Metal (SF200) –cut, shape, punch, sculpt, reassemble or otherwise manipulate.
C257018 - Accessory - Original made from Ceramic or Tile (SF200) – Treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.
C257019 - Accessory -Recycled/Upcycled Item for the home (SF207) - reuse a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
C257020 - Furniture - Recycled/Remade (SF207), made or finished by using a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
C257021 - Furniture - Wood Opaque finish (SF203) such as paint or enamel.
C257022 - Furniture - Wood Clear finish (SF203) showing wood grain.
C257023 - Furniture - Fabric Covered (SF200) - May include stool, chair seat, slip-covers, headboard, etc.
C257024 - Furniture - Outdoor Living (SF200) - Furniture made/refurbished suitable for outdoor use. (NOTE: May be displayed outside). Include description of what was done to recycle or reuse item in your attached information.
C257025 - Accessory - Outdoor Living (SF200) - Accessory made/refurbished by 4-H member suitable for outdoor use. (NOTE: May be displayed outside.) Include description of what was done to recycle or reuse item in your attached information.

Sketchbook Crossroads, Division 260

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) **Scoresheet SF200: Classes 1 - 10**

C260001 - Original pencil or chalk drawing ready to hang. Scratch art accepted here. (p. 10-21)
C260002 - Original ink drawing ready to hang. (p. 22-28)
C260003 - Home accessory made with fiber (p. 29)
C260004 - Home accessory made with felted wool (p.29-33)
C260005 - Home accessory made with cotton linter (p. 34-36)
C260006 - Home accessory using batik (p. 37-39)
C260007 - Home accessory made by weaving (p. 40-47)
C260008 - Home accessory made with fabric exhibitor has dyed (p. 48- 50)
C260009 - Original sculpted or thrown home accessory made with clay (no purchased items) (p. 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.

Portfolio Pathways, Division 261

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) **Scoresheet SF200: Classes 1-7**

C261001 - Original acrylic painting based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 12-13)

C261002 - Original oil painting based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 26-33)

C261003 - Original watercolor based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 14-17)

C261004 - Original sand painting based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 20-21)

C261005 - Original encaustic painting based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 34-35)

C261006 - Home accessory made with any printing technique in Pathways Unit II. (p. 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; watercolor painting of scenes of your community or the surrounding area; or using objects from nature to make the painting. Include the required information listed above and how this project represents Nebraska life.

Forestry

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

RULES:

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

- 3.) Display "posters" must be made from a material, e.g. foam board or poster board, that will stand upright without buckling, and be no larger than 24" x 24".
- 4.) Display "books" must measure no more than 16" x 16".
- 5.) At least 5 of the 10 samples in Class 2, 3, 4, and 5 must be from the list of 60 species described in 4-H 332. Samples must be from 10 different tree species. For example, Emerald Queen Maple and Crimson King Maple are both varieties of the same species (Norway Maple), and thus have the same genus and species name, i.e. *Acer platanoides*. All samples must be from trees, NO shrubs. If more than 10 samples are included in the display, only the first 10 samples from the current year will be judged.
- 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. Inclusion of a true ash species will result of the project being disqualified.
- 7.) Remember that other general labeling standards apply. For example, scientific names are always italicized or underlined. Also, the first letter of a Genus name is always capitalized. The first letter of a species name is always lower case. When required, always indicate complete scientific names (Genus and species) and common names, (e.g. Norway Maple) even when "variety names" are included. For example, the scientific name of Emerald Queen Maple is *Acer platanoides* and the common name is Norway maple. "Emerald Queen" may be included as the variety name, but variety names are not required.
- 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 inches by 24 inches by 24 inches. Photographs, drawings, samples, charts, posters, etc. can be used, but include enough information to adequately explain the topic. Your display should be substantially different from other display classes. Be as creative as you like.

D320002 Leaf Display the leaf display must include samples of "complete leaves" from at least 10 different tree species. The display must include at least two samples of simple leaves, compound leaves, and conifer leaves. Leaves should be pressed, dried, and mounted.

- **Collection:** Whenever possible, collect leaves from mature trees. Collect leaves any time after they have reached full size, usually beginning in early summer. Leaf samples should be in good condition and representative of the average leaves on the tree. Keep in mind that shaded leaves are often much larger than normal. Carefully remove leaves from the twig with the entire petiole or rachis intact. After collection, fresh leaf samples can be temporarily stored within the

pages of an old magazine, but they should be properly pressed and dried for display. Be sure to record pertinent information during collection. All collection must be done by the exhibitor.

- **Mounting:** Leaves may be displayed in a notebook or on a display board. Any method may be used to mount leaves, e.g. wire, glue, tape, staples, plastic bags, but be sure all their features can be clearly identified.
- **Labeling:** The label for each sample must include:
 1. Common name
 2. Scientific name
 3. Leaf type
 4. Leaf arrangement (for broadleaf trees)
 5. Leaf composition (for broadleaf trees)
 6. Collector's name
 7. Collection date
 8. Collection location (be specific, state and county at a minimum)If a twig is included with a sample, indicate "twig included" on the label. For example, the twig may be included with an eastern red cedar sample because the leaves are very small and difficult to remove from the twig.

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

**Supplemental information, e.g. general uses, common products, fall color, etc., may be included to enhance educational value.

D320003 Twig Display the twig display must include twig samples from at least 10 different tree species. The display must include at least two samples of opposite and alternate leaf arrangements from broadleaf trees.

- **Collection:** Twig samples should be collected during the dormant season (November – April) when the buds are mature. Twig samples must be at least 6 inches long and exhibit buds. Leaves must be removed and side branches must be trimmed to less than 1 inch in length. All collection must be done by the exhibitor.
- **Mounting:** Twigs must be mounted on a display board. Any method, e.g. wire, glue, tape, staples, plastic bags, etc., may be used to mount twigs, but be sure all features can be clearly identified. The non-terminal end must be cut at a slant so the pith can be seen.
- **Labeling:** The label for each sample must include:
 1. Common name
 2. Scientific name
 3. Leaf arrangement (for broadleaf trees)
 4. Collector's name
 5. Collection date
 6. Collection location (be specific, state and county at a minimum)

**Supplemental information, e.g. general uses, tree characteristics, etc., may be included to enhance educational value.

D320004 Seed Display the seed display must include seed samples from at least 10 different tree species.

- **Collection:** Tree seeds should be collected at the time of year when they mature, which varies widely depending upon tree species. For example, Silver maple seeds mature in May while red oak acorns do not mature until September. Seed samples should be free of insect or

disease symptoms. Remember to display seeds, not fruit. For example, the seed of honey locust is enclosed in a pod. Remove and display the seed, not just the pod. It is acceptable to display the fruit with the seed, but clearly label each. All collection must be done by the exhibitor.

- **Mounting:** Seeds may be displayed in a variety of ways, e.g. mounted on a display board, displayed in jars in a rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.
- **Labeling:** The label for each sample must include:
 1. Common name
 2. Scientific name
 3. Type of fruit, if known (e.g. samara, pod, nut, legume, etc.)
 4. Collector's name
 5. Collection date
 6. Collection location (be specific, state and county at a minimum)

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

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 surfaces should be sanded to show the grain. Treating samples with a clear finish (no stain) is optional. All collection must be done by the exhibitor.
- **Mounting:** Samples may be display in a variety of ways, e.g. mounted on a display board, displayed in a box or rack, etc., but they must be securely mounted and easily viewed. Be as creative as you like.
- **Labeling: The label for each sample must include**
 1. Common name
 2. Scientific name
 3. Wood type (softwood or hardwood)
 4. Collector's name
 5. Collection date
 6. collection location (be specific, state and county at a minimum)

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

Class D320006 Cross Section a disc cut from a tree species listed in 4H 332. The sample must be collected within 1 year of the state fair judging day. The disc must measure 6 to 12 inches in diameter and 1—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
On 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: 1. Trunk 2. Crown 3. Roots 4. Leaves 5. Flowers 6. Fruit 7. Buds 8. Bark Identifying other internal parts, e.g. phloem, xylem, cambium, annual ring, pith, etc., is optional. Attach a separate label on the back of the poster that includes the exhibitor's name and age.

D320008 Living Tree Display a living tree seedling grown by the exhibitor from seed in the display container. The seed must be from a species listed in 4H 332. The seedling must be 60 days to 1 year old (on State Fair judging day). The display container must contain at least 8 inches of soil (potting mix or suitable natural soil), have drainage holes (s), and a drain pan to catch drainage water.

- **Labeling:** A waterproof label must be attached and include:
A waterproof label must be attached and include:
1.Common name 2. Scientific name 3. Seed treatments (if any) 4. Planting date 5. Emergence date 6. Collector's name.

**Supplemental information about the tree, e.g. where the seed was collected, growth measurements, uses for that species, etc., may be included in an attached notebook, poster, etc. to enhance educational value. Supplemental information will be an important factor in judging.

Conservation & Wildlife

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

Guidelines:

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

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

Whose Exhibit? - The exhibitor's name, county, and age must be on the back or bottom of all displays so that the owner can be identified even if the entry tag becomes separated from the exhibit.

Wildlife and Wildlife Laws - "Animal" or "wildlife" in the following instructions includes wild fish, amphibians, reptiles, birds, or mammals. Follow wildlife laws; example: wildlife laws do not allow collection of bird nests, eggs, or any of their parts.

Project Materials - Related project booklets include Exploring Your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 59381), Fishing for Adventure Project Manuals, Wildlife Conservation (4-H 125), Outdoor Skills: Learning Science in the Outdoors series (Science Signature Outcome Program).

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 ¼" plywood, Masonite, or similar panel no larger than 24" high by 24" wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 by 28 inches) but half size, 22 by 14 inches, is recommended.

Scoring - Sample score sheets are available at your county extension office and on the UNL 4-H web page (<http://4h.unl.edu>).

Wildlife and How They Live, Division 340

Wildlife and How they Live (Classes 1-4) are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation.

Examples: life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats.

D340001 Mammal Display

D340002 Bird Display

D340003 Fish Display

D340004 Reptile or Amphibian Display

D340005 Wildlife Connections Board or poster exhibit. The purpose of this display is to show interconnections and related aspects among animals, plants, and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals or between animals and their habitat. Displays might show how animals interact with other animals, with people, or with their habitat.

Examples:

1. Food chain display. Use pictures, drawings, or other items to illustrate the source of food energy and where it goes - who eats whom or what. Use arrows to show the direction of the energy (food) flow.
2. Show the role of predators, scavengers, insect eaters, or others in nature.
3. Show how wildlife numbers (populations) change through the year.
4. Show predation, competition, or other 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 box exhibit. Make a display of animal tracks using plaster-of-paris casts. There are 3 options. For all options, include a brief description of your experiences in making the tracks so the judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred, but not required.

Option 1 should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR)

Option 2 should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal.

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 fit transportation and display; maximum size 24 x 24 inches.

D340008 Wildlife Diorama Box must be no larger than 24" x 24". The exhibit might show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Example: show a large unbroken grassland or prairie for species such as meadowlarks, greater prairie-chicken, lark bunting, grasshopper sparrows, Ferruginous hawk, burrowing owl, horned lark, upland sandpiper, or pronghorn; AND/OR show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, mourning doves, cottontail rabbits, fox, squirrels, Northern cardinals, or blue jays. Label the habitats displayed and show at least five kinds of wildlife in their proper habitats.

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. You might write about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about hunting, fishing, or ethics and proper behavior for hunting or fishing. The essay is between 100 and 1000 words long and typed, double spaced on 8 ½ x 11 paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.

D340010 Wildlife Values Scrapbook Make a scrapbook about the various values of wildlife following guidelines in the Wildlife Conservation project booklet (4-H 125).

D340011 Wildlife Arts the purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, and wood carvings, painted duck decoys, or songs or poems written by the exhibitor. Entries must be appropriate for fair display and no larger than 24" x 24". For example, paintings or photographs should be displayed in notebook format or mounted on a sturdy display panel.

**All entries must include a title and brief explanation of the purpose or message (what is the exhibit meant to show).*

Wildlife Habitat, Division 342

D342001 Houses (SF165) Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size etc. are appropriate to fit the intended species' needs. Include the following information:

- a. The kinds of animal(s) for which the house is intended,
- b. Where and how the house should be located for best use, and
- c. Any seasonal maintenance needed. **Tips: check NebGuide on bird houses and shelves.*

D342002 Feeders/Waters (SF166) Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders. 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 (SF167) Choose a backyard, acreage, or farm, and design a habitat plan to meet the food, water, shelter, and space needs of at least three kinds of animals you would like to attract. Draw an outline of the area and show what plants or other habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial photo of the area if you have one.

Harvesting Equipment, Division 343

D343001 Fish Harvesting Equipment (SF168) Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), and lures. Label all items displayed. Include in your exhibit the following information:

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

D343002 Build a Fishing Rod (SF169) 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 in length. Exhibit must be mounted on a board and labeled with the member's name county and class number. Include with the exhibit the following items as a brief attachment.

- o Explanation of the cost of materials/components
- o Where materials/components were purchased
- o How made
- o Number of hours required for construction.

Identify all parts. Necessary components which must be included are grip, line guides (based on manufacturer's 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 (SF170) Make a casting target for exhibit and use, following guidelines on the reference sheet. Target must be under 36" x 36".

The bullseyes/rings must be 1 foot in diameter and can have up to 3 rings. They must be easy to store, durable, and weather resistant

D343004 Wildlife Harvesting Equipment Board exhibit (SF171) Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps; hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed. Include in your exhibit the following information:

1. **The purpose of each item**
2. **When or where it is used in relation to other equipment,**
3. **Any personal experiences you've had with the item(s).**

D343005 Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory (SF171) - 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.

Taxidermy, Division 346

D346001 Tanned Hides or Taxidermy (SF172) any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information:

1. The animal's name
2. Information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

4-H Shooting Sports, Division 347

4-H Shooting Sports requires youth to be under the direct leadership of a certified 4-H Shooting Sports Leader in either shotgun, rifle (bb gun), archery, pistol, black powder/muzzleloader, and/or hunting skills. No firearms can be entered as an exhibit, nor live ammunition; however, information can be shared through pictures. 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 for 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

D347004 Science, Engineering, Technology Advancements of Shooting Sports Essay or Display – 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 anglers) 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 (SF258) – Share a display on a citizenship project or leadership project the 4-H member took on individually or with a group to improve some aspect related to 4-H Shooting Sports, Conservation or Wildlife. Examples could be range development, conservation planting to attract wildlife, a camp, 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 (SF161) – 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 finding in an interesting way for the public to learn from.

Shooting Sports Disciplines

Premiums: Purple—3.00, Blue—3.00, Red—3.00, White—3.00

4-H'ers must attend half of the practices that are offered with a certified instructor, to compete in the following county competition shoots.

H930001 BB GUN

Target will shot at 5 meter. Course of Fire – 10 shots prone, 10 shots standing, 10 shots kneeling, 10 shots sitting (Total of 40 shots). 4-H'ers will also take a written test worth 100 points. All 4-H'ers 8 and up will compete together. All 4-H'ers 8 and up will compete together.

H930005 ARCHERY

A practice round of 6 arrows will be shot and scored. Then two rounds of 6 arrows each will be shot and scored with the highest score being used. An Archery equipment identification test will be given. All 4-H'ers 8 and up will compete together. All 4-H'ers 8 and up will compete together.

H930019 .22 AIR RIFLE

Open to youth ages 9 and older. Course of Fire – 5 shots prone, 5 shots standing, 5 shots kneeling, 5 shots sitting. 4-H'ers also take a written test. All 4-H'ers 9 and up will compete together.

H930009 TRAP SHOOTING/SHOTGUN

Open to youth age 9 and older. All 4-H'ers will compete together.

H930021 .22 IRON SIGHT RIFLE

Open to youth age 9 and older. Youth should hold a hunter safety card. All 4-H'ers will compete together.

H930022 .22 SCOPE SIGHT RIFLE

Open to youth age 9 and older. Youth should hold a hunter safety card. All 4-H'ers will compete together.

H930023 HUNTING SKILLS

Open to youth ages 6 and older by January 1st of current calendar year

Foods, Nutrition & Food Preservation

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

RULES:

Supporting Information - Each exhibit must include the recipe. Recipe may be handwritten, photocopied or typed. Place food on the appropriate sized plate or container and put in self-sealing bag. Attach entry tag and recipe at the corner of the bag. For NON-FOOD ENTRIES please attach the entry tag to the upper right hand corner of the entry. Additional information including recipes and supplemental information should be identified with 4-H'ers name and county.

Criteria for Judging - Exhibits will be judged according to score sheets available at your local Extension office or at <http://4h.unl.edu/fairbook>. Make sure to follow all entry instructions required for your exhibit. Incomplete exhibits will be lowered a ribbon placing. Commercially prepared mixes are ONLY allowed in Cooking 201 Creative Mix Class. Prepared baking mixes, biscuit mixes, and other pre-made mixes entered in other categories will be lowered a ribbon placing.

Food Projects - Exhibits should be entered using a disposable pan or plate and covered by a plastic self-sealing bag. The State Fair is not responsible for non-disposable containers, lost bread boards, china, or glassware.

Ingredients - Any ingredient that the 4-H'er uses must be able to be purchased by the 4-H'er. Ingredients such as beer, whiskey, rum, etc. may NOT be used in any recipe file or food exhibit. Exhibits that include alcohol will be disqualified.

Food Safety. Exhibits are on display for several days. Please think FOOD SAFETY! Items that require refrigeration will not be accepted, judged, or displayed as exhibits must be safe to eat when entered, whether they are tasted or not. Glazes, frostings and other sugar based toppings are considered safe due to their high sugar content. Egg glazes on yeast breads and pie crusts BEFORE baking are acceptable. Eggs incorporated into baked goods and crusts are considered safe. The following food ingredients are considered unsafe for fair exhibits and will be disqualified:

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

4-H Favorite Food Revue Event, Division 405

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

General Information: The 4-H Food Revue integrates food and nutrition knowledge into one activity. Food preparation, menu planning, nutritional knowledge, table service, and food handling practices. Any 4-H member enrolled in a foods and nutrition project may participate. Exhibit should be related to a food and nutrition project the member is enrolled in. Individuals under 12 years of age as of January 1 of the current year will participate in the Junior Division. Individuals 12 years of age or older as of January 1 of the current year will participate in the Senior Division. Ingredients that the 4-H member cannot legally purchase, such as beer, whiskey, rum, etc. may not be used in any recipe or foods exhibit. Exhibits that include alcohol in the recipe will be disqualified. This includes menu and recipe file exhibits. *Each participant should plan their own exhibit to fit on a standard card table.

The exhibit should include:

- Recipe of the food and a menu for the meal featuring the food item:
- A one place setting for the menu featured. Use table appointments—dishes, silverware, etc.
- A centerpiece appropriate for the planned occasion.
- One serving of the prepared food on/in the appropriate dish;
- Table covering as appropriate for the occasion (table cloths, placemats, etc.).
- Each 4-H member is responsible for bringing their own card table the day of the revue and setting up their own display. Interview judging will be used to evaluate each exhibit. Participants may be asked questions about preparation of the recipe, selection and management of the menu, nutritional information in regard to the food and menu exhibited. Champion Reserve Champion rosettes will be awarded in Junior and Senior Division in the 4-H Food Revue.

4-H'ers under the age of 8 years of age on Jan 1 of the current year may choose to do this class (Clover Kids). The novice needs only to set the table and serve one food item. They do not need a menu card or recipe card and may have someone else make the food. The 4-H'er will need to know the how and why about their table setting, the basic nutrition information about the food chosen, and the cost per serving. They do not need to know the time management or menu planning. **Score Sheet 425**

E405001—Food Revue Clover Kid Division (*not eligible for a trophy)

E405002—Food Revue—Junior Division (County Only)

E405003—Food Revue—Senior Division (County Only)

Cake Decorating, Division 406 (County Only)

Score sheet 420

E406001 Display of Three decorative edgings Must be exhibited on a disposable, container. Must have 12 inches each of decorative edging.

E406002 Display of Roses - Must include two roses and a rosebud. It does not need leaves. Must be exhibited on a disposable container.

E406003 Top of Cake Either a 9" or 10" circle or a 9" x 13" rectangular. Can use cardboard, Styrofoam or other artificial material.

E406004 Decorated Cupcake, Cookie or other item

E406005 Decorated cake (can be picked up after judging)

Cooking 101, (County Only)

***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 clear bag)**

Youth in Motion, Division 300 (County Only)

CLASS E300001 YUM POSTER, SCRAPBOOK, or PHOTO DISPLAY (SF122)

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.

CLASS E300002 ACTIVITY BAG (SF258) - A duffle bag or backpack that the 4-H'er packs so that they are always prepared to be active and make healthy food choices. May include proper workout attire, a healthy beverage or snack, a notebook or goal sheet, etc. Make sure all items are clean, clearly labeled and an explanation of why it is included in the Activity Bag, instead use a picture of the item or include in the listing of items.

CLASS E300003 YIM HEALTHY SNACK RECIPE FILE (SF251) - 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 4-H'er is in project, with year clearly marked on recipes. Consider creativity and neatness. Display in recipe file or box or in a binder. Be sure to include the number of servings or yield of each recipe.

CLASS E300004 HEALTHY STYLE INTERVIEW (SF130) - Interview someone in your life that you admire that is physically active or has a healthy lifestyle. Why do they enjoy their exercise program or lifestyle choices? What are their goals? Why do you admire them? Maximum of two pages, one sided write up of 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 a binder. Include a picture of the person interviewed. (May be laminated to preserve exhibit.) Overall size of mounted exhibit should be no larger than 9x12 inches.

CLASS E300005 HEALTHY SNACK (SF125) - See ideas for non-perishable snacks on page 36. Four cookies, bars, muffins, etc., on a paper plate, or at least 1 cup of mix. Examples might include: granola bars, homemade crackers or chips. Supporting information to include recipe and why this snack might be considered a healthy snack.

GENERAL FOODS, Division 350

E350001 Food Science Explorations (SF152) Open to any 4-H'er enrolled in a Foods and Nutrition project. Show the connection between food and science as it relates to food preparation, food safety, 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

(SF122) Open to any 4-H'er enrolled in a Foods and Nutrition project, 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" X 30") computer based presentation printed off with note pages, if needed, and displayed in a 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

(SF122) 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" X 30"), computer based presentation printed off with note pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.

E350004 COOKING BASICS RECIPE FILE (SF251) A collection of 10 recipes from any source. Each recipe must accompany a complete menu in which the recipe is used. An additional 10 recipes may be added each year the 4-H'er is in the project, with year clearly marked on recipes. Display in a recipe file or binder. Be sure to include the number of servings or yield of each recipe. This may be a continued recipe file project from the previously used 4-H curriculum before 2018.

COOKING 201, Division 410

E410001 LOAF QUICK BREAD (SF123) any recipe, at least $\frac{3}{4}$ of a standard loaf displayed on a paper plate) Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately 8 $\frac{1}{2}$ " x 4 $\frac{1}{2}$ " or 9" x 5". If mini-loaf pans are used

for exhibit, two loaves must be presented for judging.

E410002 CREATIVE MIXES (SF142) any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked item made from a mix (commercial or homemade mixes acceptable). Food product must have been modified to make a new or different baked item. Examples include poppy seed quick bread from a cake mix, cake mix cookies, sweet rolls made from readymade bread dough, monkey breads from biscuit dough, streusel coffee cake from a cake mix, etc. Write what you learned about making this product using a mix instead of a homemade recipe or recipe "from scratch". Does it make it better or easier to use a convenience product or mix? Why or why not?

E410003 BISCUITS OR SCONES (SF136) four biscuits or scones on a small paper plate. This may be any type of biscuit or scone: rolled, or dropped. Any recipe may be used, but it must be a non-yeast product baked from scratch.

E410004 HEALTHY BAKED PRODUCT (SF124) any recipe, at least 3/4 of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. Recipe must contain a fruit or vegetable as part of the ingredients (Ex. banana bars, cantaloupe quick bread, zucchini muffins, etc.).

E410005 COFFEE CAKE (SF129) any recipe or shape, non-yeast product - at least 3/4 of baked product. May be baked in a disposable pan.) Include menu for a complete meal where this recipe is served, following meal planning guidelines suggested in Cooking 201.

E410006 BAKING WITH WHOLE GRAINS (SF134) any recipe, at least 3/4 of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. Recipe must contain whole grains as part of the ingredients. (Ex. whole wheat applesauce bread, peanut butter oatmeal cookies, etc.)

E410007 NON-TRADITIONAL BAKED PRODUCT (SF133) exhibit must include a food product prepared using a non-traditional method (i.e. bread machine, cake baked in convection oven, baked item made in microwave, etc.) Entry must be at least 3/4 baked product, or 4 muffins or cookies on a paper plate or in a disposable pan. Entry must include supporting information that discusses alternative preparation method and how it compares with traditional method.

COOKING 301, Division 411

Any bread item prepared or baked using a bread machine should be entered under the Cooking 201, Non-Traditional Baked Product. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, 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 (SF138) 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 $\frac{3}{4}$ of a full sized baked product.

E411006 SHORTENED CAKE (SF137) NOT FROM A CAKE MIX! At least $\frac{3}{4}$ of the cake. Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming, and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

COOKING 401, Division 412

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

E412001 DOUBLE CRUST FRUIT PIE (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 (SF145) 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. Any baked item associated with family tradition and heritage. Entry must include (A) recipe, (B) tradition or heritage associated with preparing the food, (C) where or who the traditional recipe came from.

E412003 ETHNIC FOOD EXHIBIT (SF146) any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. The name of the country, culture or region should be included as part of the supporting information with the recipe, as well as some background information about the country or culture the food item is representing.

E412004 CANDY (SF147) any recipe, 4 pieces of candy on a paper plate or $\frac{1}{2}$ cup. No items containing cream cheese will be accepted (Example: cream cheese mints). Candy may be cooked or no cook; dipped, molded, made in the microwave or other methods of candy preparation. Recipe must be included.

E412005 FOAM CAKE (SF148) original recipe (no mixes) of at least $\frac{3}{4}$ of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

E412006 SPECIALTY PASTRY (SF143) any recipe, at least $\frac{3}{4}$ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked items such as pie tarts, puff pastry, phyllo doughs, biscotti, choux, croissants, Danish, strudels. Phyllo dough may be pre-made or from scratch. Pastries made with cream or egg based fillings will be disqualified.

Food Preservation, Division 407

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

The Harlan County Fair Board is not responsible for lost, damaged or broken exhibits.

RULES:

Processing Methods - Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jam, preserves and marmalades, fruit, tomatoes and pickled products must be processed in a boiling water bath. (Tomatoes may be processed in a pressure canner.) All non-acid vegetables and meats must be processed in a pressure canner. Improperly canned or potentially hazardous food items will be disqualified. Spoiled or unsealed container disqualifies entry.

Jars - Jars do not need to be the same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated by the exhibitor in any way. Canning jars must be used - others will be disqualified. No one-fourth pint jars allowed. Leave jar rings on for fair display, it helps protect the seal. No zinc lids.

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 at <https://4h.unl.edu/fairbook/general/scoresheets-forms>. Incomplete exhibits will be lowered a ribbon class. Canned food items not processed according to altitude in the county will be lowered one class ribbon. Check with your local extension office or <https://food.unl.edu/canning#elevation> for your county's altitude 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'er, county and drying date. Multiple dried food exhibits should be secured by a rubber band or "twisty" to keep exhibit containing the 3 self-sealing bags together.

Recipe/Supporting Information - Recipe must be included, and may be handwritten, photocopied or typed. Commercially prepared seasoning mixes are not allowed. Current USDA guidelines for food preservation methods MUST be followed. Suggested sources of recipes include:

- 4-H Food Preservation Manuals (Freezing, Drying, Boiling Water Bath Canning, Pressure Canning)
- USDA Guide to Home Canning, 2015 revision (https://nchfp.uga.edu/publications/publications_usda.html)
- Nebraska Extension's Food Website: <http://food.unl.edu/web/preservation/home> or Extension publications from other states
- Ball Blue Book (published after 2009) or online: <https://www.freshpreserving.com/recipes>

All exhibits must include the 4-H Food Preservation Card attached to the

project as the required supporting information or include following information with exhibit:

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

UNIT 1 FREEZING

E407001 BAKED ITEM MADE WITH FROZEN PRODUCE (SF155) any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe **MUST** include a food item preserved by the freezing method done by the 4-H'er. Ex. Peach pie, blueberry muffins, zucchini bread, etc.). Supporting information must include both the recipe for the produce that was frozen as part of this project **AND** the baked food item.

UNIT 2 DRYING

E407002 DRIED FRUITS (SF154) exhibit 3 different examples of 3 different dried fruits. 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.

E407003 FRUIT LEATHER (SF154) exhibit 3 different examples of 3 different fruit leathers. Place a 3-4" sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E407004 VEGETABLE LEATHER (SF154) exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3-4" sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.

E407005 DRIED VEGETABLES (SF149) exhibit 3 different samples of 3 different dried vegetables. Place each food (1/4 cup of each vegetable) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

E407006 DRIED HERBS (SF149) exhibit 3 different samples of 3 different dried herbs. Place each food (1/4 cup of each herb) in a separate self-sealing bag. Use a rubber band or "twisty" to keep exhibit together.

E407007 BAKED ITEM MADE WITH DRIED PRODUCE/HERBS (SF156) any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe **MUST** include a dried produce/herb item made by the 4-H'er. Ex. Granola bar made with dried fruits, dried cranberry cookies, Italian herb bread, lemon thyme cookies. Supporting information must include both the recipe for the dried produce/herb **AND** the baked food item.

UNIT 3 BOILING WATER CANNING

E407008 - 1 JAR FRUIT EXHIBIT (SF150) exhibit one jar of a canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.

E407009 - 3 JAR FRUIT EXHIBIT (SF150) exhibit 3 jars of different canned fruits. May be three different techniques for same type of product, ex. Applesauce, canned apples, apple pie filling, etc. Entry must be processed in a boiling water bath according to current USDA recommendations.

E407010 - 1 JAR TOMATO EXHIBIT (SF150) exhibit one jar of a canned tomato product. Entry must be processed in a boiling water bath according to current USDA recommendations.

E407011 - 3 JAR TOMATO EXHIBIT (SF150) exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a boiling water bath according to current USDA recommendations.

E407012 - 1 JAR PICKLED EXHIBIT (SF150) one jar of a pickled and/or fermented product. Entry must be processed in a boiling water bath according to current USDA recommendations.

E407013 - 3 JAR PICKLED EXHIBIT (SF150) exhibit 3 jars of different kinds of canned pickled and/or fermented products. Entry must be processed in a boiling water bath according to current USDA recommendations.

E407014 - 1 JAR JELLED EXHIBIT (SF153) exhibit one jar of a jam, jelly or marmalade. Entry must be processed in a boiling water bath according to current USDA recommendations.

E407015 - 3 JAR JELLED EXHIBIT (SF153) exhibit 3 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.

UNIT 4 PRESSURE CANNING

E407016 - 1 JAR VEGETABLE OR MEAT EXHIBIT (SF150) exhibit one jar of a canned vegetable or meat. Include only vegetables or meats canned in a pressure canner according to current USDA recommendations.

E407017 - 3 JAR VEGETABLE EXHIBIT (SF150) exhibit 3 jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to current USDA recommendations.

E407018 - 3 JAR MEAT EXHIBIT (SF150) exhibit 3 jars of different kinds of canned meats. Include only meats canned in a pressure canner according to current USDA recommendations.

E407019 - QUICK DINNER (SF151) 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

E407020 - JAR TOMATO EXHIBIT (SF150) exhibit one jar of a canned tomato product. Entry must be processed in a pressure canner according to current USDA recommendations.

E407021 - 3 JAR TOMATO EXHIBIT (SF150) exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a pressure canner according to current USDA recommendations.

Safety

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

Safety, Division 440

E440001 First Aid Kit (SF110) A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kit's intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items should cover the following areas: airway and breathing, bleeding control, burn treatment, infectious disease protection, fracture care and miscellaneous supplies. Use Citizen Safety manual, 4-H 425, pages 6 & 7 and score sheet SF110 for guidance.

Kits containing any of the following will be automatically disqualified:

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

E440002 Disaster Kit (Emergency Preparedness) (SF111) Disaster kits must contain the materials to prepare a person or family for emergency conditions caused by a natural or man-made incident. Selection of materials is left to the exhibitor. Family or group kits must have enough material or items for each person. A description of the kit's purpose, the number of people supported and a list of contents is required. Youth are encouraged to test their kit by challenging their family to try to survive using only the included materials for the designated time. If tested, share that experience in kit documentation. Please include an explanation of drinking water needs for your disaster kit. Do not bring actual water to the fair in the kit.

E440003 Safety Scrapbook (SF292) The scrapbook must contain 15 news articles from print and/or internet sources about various incident types. Mount each clipping on a separate page accompanied by a description of events leading to the incident and any measures that might have prevented it. The Scrapbook should be bound in a standard size 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.

Fire Safety, Division 450

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

E450002 Fire Safety Scrapbook (SF270) 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.

E450003 Fire Prevention Poster (SF268) 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". Refer to score sheet SF268.

Bicycle Rodeo, Division 460 (County Only)

Premiums: Purple 7.00, Blue 6.00, Red 5.00, White 4.00

To participate, you must be enrolled in the 4-H Bicycle project. Premium money will be paid for the top ribbon placing of each participant, regardless of how many events are entered.

General Rules:

Each participant may take part in as many events as he/she wishes but in order to be a division winner, the 4-H'er must enter all riding events and take a safety quiz. Clover Kids (under 8 years), will not take the written test.

Dress Code—Participant is required to wear the official 4-H county t-shirt that is provided for them. ***All 4-H'ers are required to wear a helmet at the Bicycle Rodeo. This is for the safety of the 4-H'ers and no 4-H'er will be allowed to compete without one.***

The person in charge of each event will be considered the judge.

****The Harlan County 4-H Council will be serving Free Root Beer floats between the rodeo and the presentation of awards.***

Class: E460010 Bicycle Rodeo

Entrepreneurship, Division 531

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

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

Exhibit Guidelines: The 4-H member's name, age, town and county must be listed on the back of the exhibit. Entry cards should be stapled or taped (not paper-clipped) to the upper right-hand corner of posters. If exhibit is a poster, it must be 14" x 22" and may be arranged either horizontally or vertically. Poster may not use copyrighted materials, such as cartoon characters or commercial product names. **Exhibits which do not conform to size or content guidelines will be lowered one ribbon placing.** Posters may include photographs, charts or examples as well as a written explanation. Score Sheet **SF181**

F531001 Interview an entrepreneur. Share what you learned from the person about starting and running a business or how they deliver excellent customer service. How will what you have learned through this interview change your future plans or ways of thinking about business? (based on pages 2.1 - 2.4 of manual)

F531002 Social Entrepreneurship Presentation Prepare a five slide 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 with fasteners (no slide bars). Refer to page 2.4 of Unit 2 The Case of Me for ideas.

F531003 Marketing Package (mounted on a 14" x 22" poster) must include at least three items (examples) developed by the 4-H'er from the following list: business card, brochure, advertisement, business promotional piece, printout of an internet home page, packaging design, signs, logo design, direct mail piece, etc. The marketing package should be for an original business developed by the 4-H'er 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 product.
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.**

Attach a 8.5" x 11' information sheet to the poster answering these questions:

- What do you enjoy most about this product?
- What challenges did you have when making this product? Would you do anything differently next time? If, so, what?
- What is the suggested retail price of the product? How did you decide this price?
- Market analysis of the community through data gathered from a survey of at least 10 people in your community about your product.
- How much do you earn per hour? Show how you determined this figure.
- What is unique about this business?

F531006 Entrepreneurship Challenge – Take on the entrepreneurship challenge. Entrepreneurship Challenge is open to 4-H'ers enrolled in any of the three units of ESI. Complete five (5) or more of the challenges from the following list. The exhibit will include highlights from these five (5) challenges. Consider labeling each challenge so the viewer will understand what the challenge was. Enter a poster, video, report or scrapbook related to the learning from the challenge. Use your creativity to show and share what you learned. Select your five(5) challenges from the list below:

1. Sell something.
2. Introduce yourself to a local entrepreneur and take a selfie with them.

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

Agronomy

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

Individuals in the Crop Production, Field Crops project may exhibit grain or plants or prepare an educational display representing their project. The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability and environmental protection. For guidelines on specific projects, refer to appropriate project manuals.

Field Crops, Division 750

GRAIN OR PLANT EXHIBITS (CLASSES 1-5) IMPORTANT:

- A. A completed Crop Production Worksheet (available at ...) must accompany grain and plant exhibits or it will automatically be deducted one ribbon placing. The worksheet must include the exhibitors name and address, county, plant hybrid or variety, plant population, whether crop production was irrigated or dryland, and general information including farm cropping history, soil type and weather effects.
- B. The worksheet also must include an economic analysis of the project, listing individual expenses and income, on a per acre basis. Other topics to discuss are the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season, and what you learned from your crops project.
- C. The worksheet counts as 50% of the total when judged. Worksheet must be the original work of the individual exhibitor or it will be deducted one ribbon placing.
- D. Attach the worksheet to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the worksheet, grain and plant exhibits will be judged on condition,

appearance (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Refer to Scoresheet **SF264**.

- E. Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g., corn or soybeans) may be from the previous year's project. Plant exhibits, with the exception of ears of corn, must be the result of the current year's project.
- Corn 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together)
 - Grain Sorghum - 4 stalks (cut at ground level and bound together)
 - Soybeans - 6 stalks (cut at ground level and bound together)
 - Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tie with stems about 24" long.
 - Other crops (alfalfa, millet, etc.) - sheaf of stems 3 inches in diameter at top tied with stems cut at ground level or half size small square bale.

Displays (CLASSES 6-10)

The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28" wide by 28" tall on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side. Explain pictures and graphs clearly and concisely. Consider creativity and neatness. Each display must have a one-page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside. If a display does not have an essay, it will automatically be deducted one ribbon placing.

Refer to Scoresheet **SF259**

G750001 Corn (includes yellow, white, pop, waxy, or any other type)

G750002 Soybeans

G750003 Oats

G750004 Wheat

G750005 Any other crop (includes grain sorghum, alfalfa, millets, barley, rye, triticale, and amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

G750006 Crop Production Display - The purpose of this class is to allow original and creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, pest management, etc.

G750007 Crop Technology Display - Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.

G750008 Crop End Use Display - Display information about the final product or end uses for a crop, such as food, feed, fuel, or other products. (i.e. corn can be processed into livestock feed, ethanol, plastics, etc. or soybeans can be processed into bio-diesel, pet bedding, crayons, oil, etc.)

G750009 Water or Soil Display - Display information about water or soils, such as how soils are being used for crop production, range, conservation, wildlife, or wetland use, or ways to protect or conserve water and soil resources.

G750010 Career Interview Display The purpose of this class is to allow youth to investigate a career in agronomy. Youth should interview 1 person that works with crops about such topics as, what parts of their job do they enjoy or dislike, why did they choose that career, what was their education, etc. Include a picture of the person interviewed.

Agronomy, Division 751 - Weed Science

Any individual in the Conservation, Environment 1, 2 or 3, Range, Reading the Range 1 or Using Nebraska Range 2, or Crop Production, Field Crops projects may exhibit a weed book or weed display. At least 15 of specimens must represent this year's work. For assistance identifying plants, participants can use Nebraska Department of Agriculture's Weeds of Nebraska and the Great Plains (1994) or Weeds of the Great Plains (2003).

BOOKS (CLASS 1-2):

- A. 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.
- B. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements. Refer to Scoresheet **SF261**.
- C. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet:
 1. Scientific name (in italic or underlined), with authority
 2. Common name
 3. County of collection
 4. Collection date
 5. Collector's name
 6. Personal collection number, indicating the order that plants were collected in your personal collection
 7. Other information depending on class selected, i.e., noxious, life form.

This information should be typed or printed neatly.

DISPLAYS (CLASS 3):

- 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" by 28" on plywood or poster board. The display should be neatly titled.
- B. Make sure to label display with exhibitor's name, address, and county on back side. Explain pictures and graphs clearly and concisely. Refer to Scoresheet **SF259**.

- C. Each display must have a one page essay explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside.

G751001 Weed Identification Book A collection of a minimum of 15 plant mounts including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plume less thistle, salt cedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knot weed, bohemian knotweed or hragmites), and at least three weeds that are a problem primarily in lawns.

G751002 Life Span Book A collection of 7 perennial, 1 biennial and 7 annual weeds.

G751003 Weed Display – The purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide resistant weeds, what makes a weed a weed or uses for weed.

Range Management, Division 330

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

RULES:

1. Each exhibit must be properly identified with **Unit and Class**.
2. All plant displays and display covers must be the result of the current year's work.
3. Plant identification and lists of appropriate plants in each category (grasses, forbs, shrubs, and grass-like plants) can be found in the Range Judging Handbook and Contest Guide (EC150, Revised July 2016), Common Grasses of Nebraska (EC170), and Common Forbs and Shrubs of Nebraska (EC118).
4. The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, and range and soil sciences to solving problems in management, conservation, sustainability and environmental protection. For guidelines on specific projects, refer to appropriate project manuals.

BOOKS (1-6):

For books, plants must be mounted on sheets that are no larger than 14" wide by 14" high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness and conformation to project requirements. Refer to Scoresheet **SF260**.

Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet:

1. Scientific name (in italic or underlined), with authority.
2. Common name.

3. County of collection.
4. Collection date.
5. Collector's name.
6. Collection number, indicating order that plants were collected.
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 (CLASS 7)

The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28" by 28" on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor's name, address, and county on back side. Refer to Scoresheet **SF259**.

BOARDS (CLASSES 8-9)

Boards should be no larger than 30" wide by 36" tall. Boards should be adequately labeled. Refer to Scoresheet **SF260**. Boards should be no larger than 30" wide by 36" tall or if hinged in the middle a maximum of 60" wide by 36" tall. Boards should be adequately labeled.

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 classifications can be found in the Range Judging Handbook and Contest Guide, Appendix Table 1 (EC150, Revised July 2016) starting 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 of 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 often used to seed pastures.

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 Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the lower right corner, including the scientific and common name of the plant. Put your name and 4-H county on the back of your poster.

D330008 Special Study Board – A display of the results of a clipping study, a degree of use study, range site study, etc. A short essay must accompany the display to explain the reason for the study, what was learned and study results and should be placed in a sheet cover attached to the board.

D33009 Junior Rancher Board – This exhibit should include a ranch map with a record book or an appropriate educational display on some phase of rangeland or livestock management. A short essay must accompany the display to explain the purpose of the rancher board, what was learned, etc.

Horticulture, Educational Exhibits, & Houseplants

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Entries must be the work of the 4-H member. Notebooks and posters must have received a purple ribbon at the county fair to advance to the State Fair.

FLORICULTURE (CLASSES 1 – 46)

Youth must be enrolled in the World of Flowers and/or Annual Flowers projects to exhibit in classes 1-46 (cut flowers) and 50-53 (educational exhibits).

- The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel. For Floriculture, punch hole in the top center of entry tag, use a rubber band to securely attach entry tag to containers.
- Exhibits entered under an incorrect class number or containing an incorrect number of stems will be dropped one ribbon placing. In classes 23, 45 & 46, do not duplicate entries with the classes listed by using other cultivars or varieties, or entry will be dropped one ribbon placing. For example 4-H'ers with two cultivars or varieties of marigolds can only enter the marigold class and cannot enter the other cultivar or variety in any other class. **A perennial** is defined as a plant of which the crown overwinters. **An annual** is a plant that grows from seed each season, whether self-seeded or planted by the gardener. **A biennial** is a plant that germinates, grows and overwinters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.
- All 3 or 5 stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors. Containers will not be judged; however, they should be clear glass containers that won't tip over (No plastic containers at State Fair) and of adequate size to display blooms. Any exhibit not in a clear glass container will be dropped one ribbon placing. **Score Sheet SF106.**

Follow the guidelines in 4-H Preparing Cut Flowers for Exhibits 4H227 (revised 2016)

(free download-

<https://unl.box.com/s/2f3a785c67p7qhqasevp6gu6adf3ugon>) when preparing entries for the fair.

***Cut Flower Annuals and Biennials**

FLORICULTURE (CLASSES 1-23)

Classes 1-23 = Cut Flower Annuals and Biennials - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

- 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
- G770021 Vinca
- G770022 Zinnia
- G770023 Any other annual or biennial

(under 3" diameter - 5 stems, 3" or more in diameter - 3 stems)

*Do not duplicate entries in classes 1-22

***Cut Flower Perennials**

FLORICULTURE (CLASSES 30-46)

Classes 30-46 = Cut Flower Perennials - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.

- G770030 - Achillea/Yarrow
- G770031 - Chrysanthemum
- G770032 - Coneflower
- G770033 - Coreopsis
- G770034 - Daisy
- G770035 - Gaillardia
- G770036 - Helianthus
- G770037 - Hydrangea (3 stems)
- G770038 - Liatris (3 stems)
- G770039 - Lilies (3 stems) (Not Daylilies)
- G770040 - Platycodon
- G770041 - Rose (3 stems)

G770042 - Rudbeckia/Black-eyed Susan

G770043 - Sedum

G770044 - Statice

G770045 - Any other perennial (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems) (do not duplicate entries in classes 30-44)

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 will not be returned at State Fair. Do not duplicate entries in classes 1-45 with any in the group collection.

EDUCATIONAL EXHIBITS (CLASSES 50-53)

G770050 Flower Notebook (SF100) Exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. Bulbs may be included in a separate section. 4-H'ers may show more than one cultivar of the same species, but they will only count as one species. The notebook must be the result of the current year's work. Pictures from garden catalogs, hand drawn pictures, or photographs may be used. Each species/cultivar must be labeled with the correct common name and scientific name; the height and spread of the plant and the growing conditions (for example: needs full sun and dry sandy soil) the species prefers. In addition to this information, bulbs should also be labeled as spring or summer flowering. Give proper credit by listing the sources of pictures and information used. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the notebook.

G770051 Flower Garden Promotion Poster (SF103) Individual poster promoting flower gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium: watercolor, ink, crayon, etc. as long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

G770052 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 flower or houseplant project. One might show a special technique used or equipment incorporated in the garden. Refer to 4-H horticulture project manuals but use your own creativity. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

G770053 Flower Gardening History Interview (SF105) A neatly handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden if the individual is still gardening. Protect with a clear report cover. The 4-H

member's name, age, full address, county, and years in the project(s) must be on the back of the report cover.

Houseplants, Division 770

Youth must be enrolled in the **Growing Great Houseplants** project to exhibit in **HOUSEPLANTS (CLASSES 60-66)**

- **Container Grown Houseplants** - The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container. Houseplants should be grown in the display container for a minimum of six weeks. Houseplants should be grown in the display container for a minimum of six weeks. Plants grown as houseplants must be used. NebGuide G2205 "Guide to Growing Houseplants" (<http://extensionpublications.unl.edu/assets/html/g2205/build/g2205.htm>) and NebGuide G837 "Guide to Selecting Houseplants" (<http://extensionpublications.unl.edu/assets/html/g837/build/g837.htm>) includes a listing of common houseplants. **Containers of annual flowers or annual plants (i.e. petunias, geraniums, impatiens) will be disqualified and will not be judged.**
- Entries in Classes 60-66 must have been designed and planted by the 4-H member.
- Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens and terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant in Classes 60-66 that is greater than 12" in diameter (inside opening measurement) will be dropped one ribbon placing.
- Classes 60-65 exhibitors must have and provide a saucer to catch drainage water. The 4-H members name, age, full address, county, and years in the project(s) must be on the bottom or back of the container and saucer. **(SF107)**

G770060 Flowering potted houseplant(s) that are blooming for exhibition. Non-blooming plants will be disqualified.

G770061 Foliage potted houseplant(s) of all the same variety.

G770062 Hanging basket of flowering and/or foliage houseplants.

G770063 Dish garden - an open/shallow container featuring a variety of houseplants excluding cacti and succulents.

G770064 Fairy or Miniature garden - A miniature "scene" contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e. bench, fence made from tiny twigs, small shell for a bath tub, etc.

G770065 Desert garden - an open/shallow container featuring cacti and/or succulents grown as houseplants.

G770066 Terrarium - a transparent container, partially or completely enclosed; sealed or unsealed.

Vegetable, Herbs, Fruits, & Education Exhibits

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

Youth must be enrolled in the Everyone A Gardener project and/or Gardening Unit 1-Unit 4 projects to exhibit in classes 201-286 (vegetables, herbs, fruits) and 290-294 (educational exhibits).

- *The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. In classes 252, 255, 268, 269, 285 and 286 do not duplicate entries with the classes listed by using other cultivars or varieties or entry will be dropped one ribbon placing. For example: 4-H'ers with two cultivars or varieties of red tomatoes can only enter the red tomatoes class and cannot enter the other cultivar or variety in any other vegetable class.
Score Sheet SF108.

**Follow the guidelines in Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit 4H226 (revised June 2013) (Free Download-
<http://4h.unl.edu/4hcurriculum/preparingvegetabesherssandfruit>)
when preparing entries for the fair.**

VEGETABLES (CLASSES 1-56)		
<u>Classes:</u>	<u>Vegetable</u>	<u>#'s to</u>
G773201	Lima Beans	12
G773202	Snap Beans	12
G773203	Wax Beans	12
G773204	Beets	5
G773205	Broccoli	2
G773206	Brussels Sprouts	12
G773207	Green Cabbage	2
G773208	Red Cabbage	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	Yellow Onions	5
G773218	Red Onions	5
G773219	White Onions	5
G773220	Parsnips	5
G773221	Bell Peppers	5
G773222	Sweet (Non-Bell) Peppers	5
G773223	Jalapeño Peppers	5

G773224	Hot (Non-Jalapeño) Peppers	5
G773225	White Potatoes	5
G773226	Red Potatoes	5
G773227	Russet Potatoes	5
G773228	Other Potatoes	5
G773229	Pumpkin	2
G773230	Miniature Pumpkins (Jack Be Little type)	5
G773231	Radish	5
G773232	Rhubarb	5
G773233	Rutabaga	2
G773234	Green Summer Squash	2
G773235	Yellow Summer Squash	2
G773236	White Summer Squash	2
G773237	Acorn Squash	2
G773238	Butternut Squash	2
G773239	Buttercup Squash	2
G773240	Other Winter Squash	2
G773241	Sweet Corn (in husks)	5
G773242	Swiss chard	5
G773243	Red Tomatoes (2" or more in diameter)	5
G773244	Roma or Sauce-type Tomatoes	5
G773245	Salad Tomatoes (under 2" diameter)	12
G773246	Yellow Tomatoes (2" or more in diameter)	5
G773247	Turnips	5
G773248	Watermelon	2
G773249	Dry Edible Beans (pint)	1
G773250	Gourds, mixed types	5
G773251	Gourds, single variety	5
G773252	Any other vegetable 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn't fit in any other class.	

G773255 4-H Vegetable Garden Collection of five kinds of vegetables.

Display Garden Collection in a box not more than 24" in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252). Do not duplicate entries in classes 201-252 with any in the group collection.

G773256 4-H Cultivar Vegetable Collection. Vegetables entered in the collection are 5 cultivars from a single exhibit; for example, 5 cultivars of all types of peppers or squash or onions or tomatoes, etc. Display in a box not more than 24" in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging; but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252).

Herbs, Division 773

HERBS (CLASSES 60-69)

Herbs will be judged using the same general criteria used for vegetables. Those grown mainly for their seed, such as dill and caraway, should be exhibited on a plate. Those grown for their leaves such as basil, parsley, etc. should be exhibited in a glass container of water. Potted herb plants will be disqualified and will not be judged. **Score Sheet SF108.**

<u>Classes:</u>	<u>Herb</u>	<u>#'s to Exhibit</u>
G773260	Basil	5
G773261	Dill (dry)	5
G773262	Garlic (bulbs)	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 of 5 different herbs. Displayed in a box or other holder not more than 18" in any dimension. Boxes will not be returned at State Fair. Each herb in the collection should be exhibited with the number specified for classes 260-268.

**Do not duplicate entries in classes 260-268 with any in the group collection.*

Fruits, Division 773

FRUITS (CLASSES 80-86)

Fruits will be judged using the same general criteria used for vegetables. Fruit will be judged for the stage of maturity normal for that season and growing location. Emphasis will be placed on how well fruit approaches market quality. **Score Sheet SF108.**

<u>Classes:</u>	<u>FRUIT</u>	<u>#'s to</u>
G773280	Strawberries (*ever bearers)	1 pint
G773281	Grapes	2 bunches
G773282	Apples	5
G773283	Pears	5
G773284	Wild Plums (do not duplicate in classes 280-284)	1 pint
G773285	Other small fruit or berries	1 pint
G773286	Other fruits OR nuts	5

EDUCATIONAL EXHIBITS:

G773290 Garden Promotion Poster (SF103) Individual poster promoting vegetable or herb gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium so long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be

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

G773291 Educational Vegetable or Herb Garden Poster (SF104) Prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-H'er has done or learned about in a 4-H vegetable gardening project. One might show a special technique used or equipment incorporated in the garden (e.g., drip irrigation system, composting, or special techniques learned). Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be stapled to the upper right hand corner. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the poster.

G773292 Vegetable and/or Herb Gardening History Interview (SF105) neatly handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their garden if the individual is still gardening. Protect with a clear report cover. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the report cover. Score Sheet SF105.

G773293 Vegetable Seed Display (SF101) Each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and Legume (pea) families, plus representatives from 5 other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22" x 24". Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several examples of beans may be shown. Attach a card to the back of the display explaining why and how it is important to know which vegetables are related, and cite references on where the scientific name information was found. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the display. Information on vegetable family members can be obtained from your Extension office.

G773294 World of Vegetables Notebook (SF102) Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (e.g. Mexican, African, Chinese, Italian, etc.). Include a report telling about a minimum of 5 vegetables and/or herbs from each country chosen. Include the scientific and common names; pictures of the plants from your garden or seed catalogs; tell how they are grown; and how the foods are used. Also, list a source for buying the seed or plants. Favorite recipes using some or all of the vegetables described may be included. Give proper credit by listing the source of pictures and information used. Protect in a clear report cover or 3-ring notebook. The 4-H member's name, age, full address, county, and years in the project(s) must be on the back of the report cover or notebook.

Special Garden Project, Division 775

Youth must be enrolled in the current year's Special Garden Project to exhibit at State Fair. Fresh cut flowers or harvested vegetables should be entered in the appropriate class listed above.

G775001. Special Garden Project Educational Exhibit (SF109) - 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.

G775002. Special Garden Project Fresh Cut Flowers or Harvested Vegetables - The current years' Special Gardening Project fresh cut flowers or harvested vegetables should be entered in this class. Refer to classes 1-45 for quantity to exhibit if Special Gardening Project is a fresh cut flower (**SF106**). Refer to classes 201-252 for quantity to exhibit if Special Gardening Project is a vegetable (SF108).

Science, Engineering, & Technology Entomology, Veterinary Science, Aerospace, Engineering

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

Entomology, Division 800

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Exhibitors may, and should, correct and update collections for competition at the State Fair.

RULES: 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 (SF186). 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 (SF186) Collection to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. At least 25 species must be present from after July 1 of the previous year. Limit 2 boxes.

H800003 - Entomology Display, Third-Year or More Project (SF186) - 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 (SF187) - Educational display developed according to personal interests and/or advanced

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

H800005 - Insect Habitats (SF188) - 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 (SF189) - Subjects should be insects, spiders or other arthropods, or any nests, webs or constructions they make. All exhibit prints should be either 8" x 10" or 8½" x 11" and mounted on rigid, black 11" X 14" poster or mat board. Either orientation is acceptable. No frames or mat board framing is allowed. A caption of a few sentences should explain the subject and be printed on white paper and glued below the print on the poster board.

H800007 - Insect Poster/Display Exhibits (SF190) - Exhibits can be posters or three-dimensional displays, and artistic creativity is encouraged. Posters should be no larger than 22" x 28". They should be instructional and can be attractive and have pictures, drawings, charts, or graphs. Posters and displays may show any aspect of insect life, habitat, or related conservation or management. Examples include life history and other facts about an insect; insect anatomy; how to manage insects in a farm, home, lawn, or garden setting; experiences rearing one kind of insect; survey of an important insect; insect behavior (ex. nesting, finding food, mobility, defenses, etc.); habitats (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 (SF191)- Reports and journals should be in a 3-ring binder. A report may be informational, that is, an original article about a favorite insect, a history of insect outbreaks, diseases caused by insects, insects as food, etc. Or, it may be a research report about an investigation or experiment done in a scientific manner. It then should have a basic introduction of the insect studied, methods used, observations, and results of the project. Tables, graphs and images are helpful to include. A journal is an observational study over a period of time with personal impressions. It may cover watching changes in kinds of butterflies over the summer, rearing a specific insect from egg to adult, managing a bee hive, observations of insects in a specific habitat, accounts of insect behavior in a forest or flower garden, etc.

Veterinary Science, Division 840

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.

Score sheet: SF119

Rules:

- A. A Veterinary Science exhibit may consist of a poster, notebook or a display. The exhibit may represent material from any of the Veterinary Science projects including entry level exhibits from Unit I.
- B. 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.
- C. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- D. **First-Aid Kits:** Because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, **animal first aid kits containing any drugs or medications will be immediately disqualified and not displayed. First Aid kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer generated print-outs, or empty packaging of pharmaceuticals.**
- E. **Veterinary Science Posters** - This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22" x 28" and may be either vertical or horizontal.
- F. **Veterinary Science Displays** - A display may include but is not limited to: a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or in a three ring binder or another bound notebook format.

Appropriate Veterinary Science Topics:

- Maintaining health
- Specific disease information
- Photographic display of normal and abnormal characteristics of animals
- Animal health or safety
- Public health or safety
- Proper animal management to ensure food safety & quality
- Efficient and safe livestock working facilities

- Or a topic of the exhibitors choosing related to veterinary medicine or veterinary science

***Remember, since these are science displays, all references and information needs to be properly cited.** Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with Veterinarians and excerpts from Veterinary Educational Literature. *Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.*

CLASSES:

H840001 4-H Veterinary Science Large Animal Poster, Notebook or Display

H840002 4-H Veterinary Science Small Animal Poster, Notebook or Display

Aerospace, Division 850

All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair. Entry level rockets, made with PLASTIC FINS and PLASTIC BODY TUBES, are COUNTY ONLY projects.

Rules:

1. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
2. Each individual is limited to one exhibit per class. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
3. 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.)
4. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
5. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
6. Demonstration boards should include an overall title for the display, plus other necessary labeling.
7. Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

8. Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations. Results: What you learned. All reports should be computer generated and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

Rockets must be supported substantially to protect the rocket from breakage. Rockets are to be mounted on a base that has dimensions equal or less than 12" x 12" and the base should be 3/4" thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12" x 12"), then construct a base that is large enough to protect the fins. The base size is dictated by the size of the rocket fins. The rockets must be mounted vertically. Please do not attach sideboards or backdrops to the displays. In addition, a used engine or length of dowel pin is to be glued and/or screwed into the board and extended up into the rockets engine mount to give added stability. Rockets must be equipped as prepared for launching, with wadding and parachute or other recovery system. Rockets entered with live engines, wrong base size or sideboards will be disqualified. A report, protected in a clear plastic cover, must include:

- 1) rocket specification (include original or photo of manufacture packaging stating rocket skill level),
- 2) a flight record for each launching (weather, distance, flight height),
- 3) number of launchings,
- 4) flight pictures
- 5) Safety (how did you choose your launch site? Document safe launch, preparations, and precautions)
- 6 objectives learned and
- 7) conclusions.

The flight record should describe engine used, what the rocket did in flight and recovery success. Points will not be deducted for launching, flight or recovery failures described. This includes any damage that may show on the rocket. Complete factory assembled rockets will not be accepted at the State Fair. Judging is based upon display appearance, rocket appearance, workmanship, design or capabilities for flight, number of times launched and report. Three launches are required to earn the maximum launch points given on the score sheets. For scoring for the State Fair, only actual launches count, misfires will not count towards one of the required three launches.

** For self-designed rockets only, please include digital recorded copy of one flight. In the documentation please include a description of stability testing before the rocket was flown.

**** Skill level of project is not determined by number of years in project. Skill level is determined by the level listed on the manufacturing packaging.**

** 4-H Rocket project levels are not intended to correspond to National Association of Rocketry model rocket difficulty ratings or levels.

** 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.

Aerospace, Unit I (County Only)

H850030 Single Stage Rockets up to 15” in length

H850040 Single Stage Rockets over 15” in length

Aerospace, Unit 2-4

Youth enrolled in Aerospace 2, 3, or 4 may exhibit in any class within this division.

H850001 Rocket (SF92) - Any Skill Level Rocket with wooden fins and cardboard body tubes painted by hand or air brush.

H850002 Aerospace Display (SF93) – 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”.

H850003 Rocket (SF92) - Any Skill Level Rocket with wooden fins and cardboard body tubes painted using commercial application example commercial spray paint.

Self-Designed Rocket

Youth enrolled in Aerospace 2, 3, or 4 may exhibit in any class within this division.

H850004 - Rocket (SF92) Any self-designed rocket with wooden fins and cardboard body tubes.

Drones

Youth enrolled in Aerospace 2, 3, or 4 may exhibit in any class within this division.

H850005- Drone Poster—Exhibit must be designed to educate yourself and others on one or more of the following topics: drone technologies, uses of drones, the different types of drones, types of training needed to operate drones, and the laws and regulations users must follow. Posters can be any size up to 28” by 22”.

H850006-Drone Video-Exhibit must demon straight how the drone interacts with the outside world. Examples include field scouting, surveying damage from natural disasters, drones used in commercial applications and settings, drones used for structural engineering. Video should not exceed 5 minutes. Videos should be submitted to Amy Timmerman at atimmerman2@unl.edu by August 17th, 2020.

Computers, Division 860

- 1) The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.

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

Computer Mysteries, Unit 2

H860001 Computer Application Poster (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 should as a birthday, wedding, anniversary, sympathy get well or other); a business card (3 cards for 3 different individuals and businesses); menu (minimum of 2 pages including short description of foods and pricing); book layout (I-book); promotional flyer (3 flyers promoting 3 different events); newsletter (minimum 2 pages); or other: examples such as precision farming or family business logo etc. This exhibit consists of a notebook (8.5x11 inches) which should include a (1) 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 (SF276) 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-Her, as well as their name (first name only), age (as of January 1 of the current year), years in 4-H, and their personal interests or hobbies. Videos should be designed for web viewing. Any of the following formats will be accepted: .mpeg, .rm, .wmv, .mp4, .ov, .ppt, or .avi.

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: (SF1050) 3D printing uses plastic or other materials to build a three-dimensional (3D) object for a digital design. Youth may use original designs or someone else’s they have re-designed in a unique way. Exhibits will be judged based on the motivation and/or problem identified. For example, 3D objects printed as part of the design process for robot or other engineering project or cookie cutter. Must include design notebook with motivation or problem statement the prototype was 3D printing will include a notebook with the following:

- b. Define motivation/problem solved
- c. Software used
- d. Document purpose of material and print settings
- e. Material choice (PLA, PVA, ABS, etc.)
- f. In-fill density
- g. Moving parts

H860007 3D Pen Creation: (SF1050) 3D pens rapidly melt and cool plastic filament allowing the 4-H member to draw in 3D. Youth may use original designs or use a template to create their 3D item. Exhibits will be judged based

on the complexity of the design and shape. 3D pen creation will include a notebook with the following:

- a. Copy of the template if used and description of any changes the youth created.
- b. If no template used - an explanation of how the creation was built.
- c. Must include paragraph of what the youth learned while creating their project (i.e. way to improve their next creation)
- d. Paragraph on how 3D pens impact science, engineering, and technology.

H860008 Maker Space/Digital Fabrication: (SF1050) This project is a computer generated projected created using a laser cutter, vinyl cutter, heat press or CNC router. Vector or 3D based software such as corel draw or Fusion 360 would be an example of an appropriate software used to create your finished project. Project should include a notebook with the following:

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

Electricity, Division 870

Rules:

- 1) The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
- 2) Each individual is limited to one exhibit per class. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- 3) 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.)
- 4) Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- 5) Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- 6) Demonstration boards should include an overall title for the display, plus other necessary labeling.
- 7) Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do

and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

Electricity - Wired for Power – Unit 3

H870001. Electrical Tool/Supply Kit (SF224) - Create an electrical supply kit to be used for basic electrical repair around the house. Include a brief description of each item and its use. Container should be appropriate to hold items.

H870002. Lighting Comparison (SF225) - Display studying the efficiency of various lighting (incandescent, fluorescent, halogen, Light Emitting Diodes, etc.). Exhibit could be a poster display, or an actual item.

H870003. Electrical Display/Item (SF226) - 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 (SF227) - Poster should exemplify one of the lessons learned in the Wired for Power Project. Posters can be any size up to 28" by 22".

Electronics, Unit 4

H870005 Electrical/Electronic Part Identification (SF228) - Display different parts used for electrical/electronic work. Exhibit should show the part (either picture or actual item) and give a brief description, including symbol of each part and its function. Display should include a minimum of 10 different parts.

H870006 Electronic Display (SF229) - 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 (SF230) - Exhibit an electronic item designed by the 4-H'er or form 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 (SF231) - Poster should exemplify one of the lessons learned in the Entering Electronics Project. Posters can be any size up to 28" by 22".

Robotics, Division 861

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

Rules:

- a. The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so the owner of the exhibit may be identified if the entry tag is separated from the exhibit.
- b. 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.)

- c. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- d. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- e. Demonstration boards should include an overall title for the display, plus other necessary labeling.
- f. 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.

Team Entries: To qualify for entry at the Nebraska State Fair team materials entered in robotics classes that are clearly the work of a team instead of an individual must have at least 50% of all team members enrolled in 4-H. Additionally all enrolled 4-H members on the team should complete and attach an entry tag to the materials. A supplemental page documenting the individual contributions to the project should be included. The entry will be judged as a team, with all team members receiving the same ribbon placing. Creating a video of your robot in action would be helpful for the judges but is not mandatory present as a CD Rom with your robot entry.

H861001 Robotics Poster (SF236) - Create a poster (14" X 22") communicating a robotics theme such as "Robot or Not", "Pseudocode", "Real World Robots", "Careers in Robots" or "Autonomous Robotics", "Precision Agriculture" or a robotic topic of interest to the 4-H'er.

H861002 Robotics Notebook (SF237) – Explore a robotics topic in-depth and present your findings in a notebook. Documentation should include any designs, research, notes, pseudocode, data tables or other evidence of the 4-H'ers learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, a programming skill, calibration, sensor exploration, any of the topics suggested in Class 001 or junk drawer robotics level 3 and 4.

H861003 Robotics Video (SF238) – This class should be displayed in a notebook. The notebook should include a video clip on a CD/DVD that demonstrates the robot performing the programmed function. Include your pseudo code and screenshots of the actual code with a written description of the icon/command functions. All videos for state fair should be emailed to Amy Timmerman atimmerman2@unl.edu before August 15. Files must be saved in a PC compatible format with county name and last name of participant before emailing.

H861004 Robotics /Careers Interview (SF239) – 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 (SF241) – Write pseudo code which includes at least one sensor activity. Include the code written and explain the code function.

H861006 Build a Robot (may use kit) (SF243) - Include a robot and notebook including the pseudocodes for at least one program you have written for the robot, the robots purpose, and any challenges or changes you would make in the robot design or programming. If robot is more than 15” inches wide and 20” inches tall they may not be displayed in locked cases. We recommend that you submit the project under class H861003 – Robotics Video.

Junk Drawer Robotics do not qualify.

H861007 Kit Labeled Robot (cannot be programmed.)(SF243) – This class is intended for explorations of robotic components such as arms or vehicles OR educational kits marketed as robots that do not have the ability to be programmed to “sense, plan and act.” The exhibit should include a project the youth has constructed, a description of what it does and an explanation of how it is similar to and different from a robot. If robot is more than 15” inches wide and 20” inches tall they may not be displayed in locked cases. We recommend that you submit the project under class H861003 – Robotics Video.

H861008 3D Printed Robotics Parts (SF244). This class is intended for youth to create parts, through 3D printing, to 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.

Global Positioning Systems (GPS), Division 880

Youth enrolled in Geospatial may exhibit in any class within this division.

RULES:

- 1) The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
- 2) All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- 3) 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.)

- 4) Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- 5) Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- 6) Demonstration boards should include an overall title for the display, plus other necessary labeling.
- 7) Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

H880001 Poster (SF299) - Create a poster (not to exceed 14" x 22") communicating a GPS theme such as How GPS or GIS works, Careers that use GPS or GIS, How to use GPS, What is GIS, GPS or GIS in Agriculture, Precision Agriculture, or a geospatial topic of interest.

H880002 4-H Favorite Places or Historical Site Poster (SF272) - 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 (SF300) - Keep a log of at least 5 places visited using a GPS enabled device. At least one site should be from a community other than where you live. For each site, record the latitude, longitude and elevation. Also include a description of the site, a paragraph explaining what was interesting about the site or finding it. Photos of each site and/or cache are optional but encouraged.

H880004 Geocache (SF301) - Assemble a themed geocache. Each geocache should be a water-tight container. It should include a log book and pencil for finders to log their visits and may include small trinket, geo-coins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. Register the site at geocaching.com, include a print-out of its registry. The entry may include a photograph of the cache in its intended hiding place.

H880005 Agriculture Precision Mapping (SF302) - 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.

H880007 4-H History Map Preserve 4-H History: Nominate a Point of Interest for the 4-H History Map Project include copy of submitted form in folder or notebook. To nominate a site for the 4-H history map please go to <http://arcg.is/1bvGogV> For more information about 4-H history go to http://www.4-hhistorypreservation.com/History_Map/ For a step by step video on nominating a point, please go to this link:

<http://tinyurl.com/nominate4h>. Write a brief description of historical significance of 4-H place or person. (a minimum of one paragraph)

H880008 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 map.

Physics/Power of Wind, Division 900

RULES:

- 1) The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
- 2) Each individual is limited to one exhibit per class. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.
- 3) 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.)
- 4) Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- 5) Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- 6) Demonstration boards should include an overall title for the display, plus other necessary labeling.
- 7) Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

Class H900001 - Create and Compare Energy Resources Poster (SF307)

Poster should explore 2 alternative/renewable energy resources. Compare and contrast the 2 resources including two of the following information: amount of energy created, costs of production, usability of the energy, pros/cons of environmental impacts, etc. Posters can be any size up to 28" by 22."

Class H900002 - Experiment Notebook (SF305) Notebook will explore the scientific method involving alternative/renewable energy sources. Information

required. 1.) Hypothesis 2.) Research 3.) Experiment 4.) Measure 5.) Report or Redefine Hypothesis.

Class H900003 - Solar as Energy Display (SF308) 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 (SF308) 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 (SF308) 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 (SF306) Notebook should explore Nebraskan alternative energy source besides wind, water, and solar power. Include information on type of power chosen, infrastructure for distribution, what resources are needed to create this alternative resource, cost of production, and potential uses of bio-products.

Woodworking, Division 911

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

RULES:

- 1) The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
- 2) Several classes require a display board which should be a height of 24 inches and not to exceed 1/4-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf (width) if two 24 inch boards are cut from one end of a 4 foot by 8-foot sheet of plywood. Nothing should be mounted within 3/4 inch of the top or bottom of the board. (Example: Woodworking & Electricity.)
- 3) Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- 4) Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- 5) Demonstration boards should include an overall title for the display, plus other necessary labeling.
- 6) Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports

should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.

- 7) All outside projects MUST have entry tag and supporting information placed in a protective bag to prevent damage from weather events such as rain and be ATTACHED to projects with string, zip ties, etc.

Woodworking, Unit I & II (County Only)

H911020 Woodworking Article

H911030 Woodworking Display

Nailing it Together, Unit III

The ability to build objects as designed by another person is an important life skill. Professional woodworkers often are hired to build objects to exacting specifications as laid out in a written plan.

Requirements:

- All articles exhibited must include a plan (with drawings or sketch or blueprints) stating dimensions and other critical instructions a builder would need to know how to build the project.
- Plans may include narrative instructions in addition to the dimension drawings and include any alternations to the original plan. Part of the score depends on how well the project matches the plans. If the plans are modified, the changes from the original need to be noted on the plans.
- All plans used for making the article must be securely attached and protected by a clear plastic cover.
- 4-H'ers must be in Unit 3 or Unit 4 for the exhibit to be considered for State Fair.
- All projects must have appropriate finish. If the project (i.e. picnic tables, wishing wells, swings, chairs, bridges, doghouses, etc.) is designed to be used outside, it will be displayed outside.

H911001 Woodworking Article (SF91) - Item should be made using either joints, hinges, dowels, or a dado joining made using skills learned in the Nailing It Together manual. Item is required to be appropriately finished. Examples include: bookcase, coffee table or end table.

H911002 Woodworking Display (SF91) - 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 (SF95) - Article made from recycled, reclaimed or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 3 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the engineering design process was used to develop the woodworking plan. Engineering Design Process:

1. State the problem (Why did you need this item?)
2. Generate possible solutions (How have others solved the problem?)

- What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
 4. Build the item (What was your woodworking plan, and what processes did you use to build your item?)
 5. Reason for article finish (What type of finish, how did you finish or why you choose this finish?)
 6. Evaluate (How does your item solve the original need?)
 7. Present results (How would you do this better next time?)

H911004 - Composite Wood Project (SF96) - 60% of the project must be wood and 40% made from other materials such as metal, rubber, resin, etc. All plans and plan alternations must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside.

H911005 - Outdoor Wood Project made with Treated Wood (SF97) - Treated wood projects DO NOT have to have a finished coating. All plans and plan alternations must be attached to the article. Protect plans with a cover. If project is designed to be outside. Examples include: picnic tables, planters, outdoor furniture, etc.

Finishing Up, Unit 4

The ability to build objects as designed by another person is an important life skill. Professional woodworkers often are hired to build objects to exacting specifications as laid out in a written plan.

Requirements:

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

H911006 Woodworking Article (SF91) - 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.

H911007 Woodworking Display (SF91) - Display exemplifying one of the principles learned in the Finishing It Up Project. Examples include: career opportunities, types of finishes, or dovetailing.

H911008 Recycled Woodworking Display (SF91) - Article made from recycled, reclaimed or composite wood. Article must be appropriately finished and/or sealed and utilize one or more woodworking techniques from page 2 of the Unit 4 manual. Exhibit must include the woodworking plan and a minimum one-page report of how the design and engineering process was used to develop the woodworking plan.

1. State the problem (Why did you need this item?)

2. Generate possible solutions (How have others solved the problem? What other alternatives or designs were considered?)
3. Select a solution (How does your solution compare on the basis of cost, availability, and functionality?)
4. 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?)

Welding, Division 920

**All metal welding processes accepted*

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

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

RULES:

- 1.) The name and county of each exhibitor should appear separately on the back of each board, poster or article and on the front cover of the notebooks so owner of the exhibit may be identified if the entry tag is separated from the exhibit.
- 2.) Several classes require a display board which should be a height of 24 inches and not to exceed 1/4-inch thickness. A height of 24 7/8 inches is acceptable to allow for the saw kerf (width) if two 24 inch boards are cut from one end of a 4 foot by 8-foot sheet of plywood. Nothing should be mounted within 3/4 inch of the top or bottom of the board.
(Example: Woodworking & Electricity.)
- 3.) Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.
- 4.) Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.
- 5.) Demonstration boards should include an overall title for the display, plus other necessary labeling.
- 6.) Reports should be written using the scientific method whenever possible (Background, the Question or hypothesis, what you plan to do and what you did, Method used and observations, Results: what you learned. All reports should be computer generated and enclosed in a clear plastic cover. The reports should be attached securely to the display.
- 7.) All outside projects MUST have entry tag and supporting information placed in a protective bag to prevent damage from weather events such as rain and be ATTACHED to projects with string, zip ties, etc.

Arcs & Sparks

All welds exhibited in class 1 or 2 must be mounted on a 12" high x 15" long display board of thickness not to exceed 3/8". Attach each weld on a wire loop

hinge or equivalent, so the judge can look at the bottom side of the weld when necessary. Each weld should be labeled with information stated

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

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

4-H Welding Project Tips and Suggestions: Class 1

- 1.) All welds should be made with the same electrode/wire/rod size and number.
- 2.) Welds should be made only on one side of metal so penetration can be judged.
- 3.) Welds should be cleaned with chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
- 4.) It is suggested that all welds be on the same size and thickness of metal. These pieces, referred to as coupons, should be 1.5 to 2 inches wide and 3.5 to 4 inches long. A good way to get this size is to buy new cold rolled strap iron and cut to length. The extra width is needed to provide enough metal to absorb the heat from the welding process and prevent the coupons from becoming too hot before the bead is completed. Narrower coupons will become very hot, making an average welder setting too cold at the bead start, just about right in the middle, and too hot at the end. The correct way to weld narrow strips is to make short beads and allow time to cool, however this project requires a full length bead.

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

***MIG welding:** Suggested coupon thickness - 1/4" 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

4-H Welding Project Tips and Suggestions: Class 2

- 1.) It is suggested that all welds be on same size and thickness of metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4" x 4" or on individual coupons that are about 2" x 4" inch and 1/4" thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014 and E-6010 for DC reverse polarity only.
- 2.) Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.

4-H Welding Project Tips and Suggestions: Class 3 & 4

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

H92001 Welding Joints (SF281) - a display of one butt, one lap and one fillet weld.

H92002 Position Welds (SF281) - a display showing three beads welded in the vertical down, horizontal and overhead positions.

H92003 Welding Article (SF281) - any shop article where welding is used in the construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. 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.

H92004 Welding Furniture (SF282) - any furniture with 75% welding is used in the construction. 60% of item must be completed by 4-Her and notes regarding laser welding or machine welding must be included. All plans, plan alternations, dimensions and a bill for materials must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside

H92005. Plasma Cutter/Welder Design (SF279) - Plasma cutters/welders allowed for detailed design(s) to butt cut into metal. 4Hers will create a notebook describing the design process to create the "artwork" to butt cut into the metal. *This exhibit is not eligible for entry at the State Fair.*

In the notebook include:

- a) A photo (front and back) of the finished project. Also include detailed photographs of the project to allow judges to examine cuts.
- b) Instructions on how the design was created, this allows for replication of the project
- c) Lessons learned or improvements to the project

Class H92006 - Composite Weld Project (SF280) - 60% of the project must be welded and 40% made from other materials such as wood, rubber, etc. All plans, plan alternations, and a bill for materials must be attached to the article. Protect plans with a cover. If project is designed to be outside it is required to have appropriate outdoor finish because project may be displayed outside.

Livestock Herdsmanship, Division 905

G905001 - Club Premiums: Purple: 21.00, Blue: 16.00, Red: 11.00, White: 6.00

G905002 - Independent Member Premiums: Purple: 5.00, Blue: 4.00, Red: 3.00, White: 2.00

Independent members do not qualify for club ribbons and will be judged as individuals in beef, dairy, sheep, goats, and swine and premium paid in herdsmanship: Please use class G905002 for independent member entry herdsmanship tag.

Herdsmanship duties: Each exhibitor is expected to perform a good job as herdsman. Criteria for Herdsmanship will be:

- . 10 points—Animals clean at all times with grooming apparent
- . 5 points—Animals adequately cared for with proper feeding, clean and proper amount of bedding and adequate feeding equipment. Beef animals securely tied with 18 to 20 inches of lead. Stalls and pens must be cleaned before 8:00 a.m.
- . 15 points—Trapping and feed area clean and neatly arranged. Fork handles and similar equipment kept down.
- . 35 points—Proper courtesy and conduct shown by exhibitors at all times and at all places.
- . 25 points—Exhibitor's share of alley area kept clean by 8:00 a.m.

Total 100 points

Ribbons will be awarded on a club basis (5 members or more) for livestock in beef, sheep, goats, dairy, poultry, and/or swine, with Purple, Blue, Red, and White categories as determined by the judges on sale day. Exhibits should be properly identified with stall cards. Club awards will be on the basis of placing of all species in the club. Herdsmanship is the responsibility of the exhibitors and not the leaders and/or parents. Judging of herdsmanship will begin 2 hours after all animals are checked in and conclude at 600 p.m. on Wednesday.

** Dry Ridge 4-H Club, Stamford, has presented a wall plaque with name plates on it to the Harlan County 4-H Council to recognize the 4-H Club winning the Herdsmanship contest. To be eligible, the club must have 5 or more members and two species or more of livestock and have the best overall rating in herdsmanship during the fair. This will include beef, dairy, sheep, goats, swine, poultry and rabbits.

Livestock Judging, Division 904

Premiums: Purple 5.00, Blue 4.50, Red 4.00, White 3.00

G904001 Livestock Judging, Senior Division (12 years old & over as of Jan. 1)

G904002 Livestock Judging, Junior Division (Under 12 years old as of Jan. 1)

Livestock Showmanship, Division 910

Premiums: Purple 4.00, Blue 3.00, Red 2.00, White 1.50

The contest is open to any 4-H'er who grooms, fits and shows animals to the best of their ability. The animal must be their own project. No animal may be shown in more than one Showmanship Class. Showman must wear hard-soled shoes or boots, and the official 4-H t-shirt that the Fair Board has provided for them for showing dairy, sheep, goats, beef, and swine. The 4-H armband will be worn for the horse show only. ***Exhibitor numbers must be pinned to the back of the exhibitors t-shirt.*** Blue or dark colored jeans are preferred for exhibiting all livestock **except** for the dairy beef and dairy goat show where white pants are recommended. Exhibitors' ages will be determined as of January 1 of the current year.

If participating in showmanship, entry cards must be presented at time of livestock check in.

Beef

G910001 Beef Senior Showmanship (14 - 18 yrs of age as of Jan. 1)

G910002 Beef Intermediate Showmanship (11 - 13 yrs of age Jan. 1)

G910003 Beef Junior Showmanship (8 - 10 years of age as of Jan. 1)

Sheep

G910004 Sheep Senior Showmanship (14 - 18 years of age as of Jan. 1)

G910005 Sheep Intermediate Showmanship (11 - 13 yrs of age Jan. 1)

G910006 Sheep Junior Showmanship (8 - 10 years of age as of Jan. 1)

Swine

G910007 Swine Senior Showmanship (14 years and older Jan. 1)

G910008 Swine Intermediate Showmanship (11 - 13 yrs of age Jan. 1)

G910009 Swine Junior Showmanship (10 - 8 years of age as of Jan. 1)

Dairy

G910010 Dairy Senior Showmanship (12 - 18 years of age as of Jan. 1)

G910011 Dairy Junior Showmanship (11 - 13 yrs of age Jan. 1)

Meat Goat

G910014 Goat Senior Showmanship (14-18 years old before Jan. 1)

G910015 Goat Intermediate Showmanship (11 - 13 yrs of age Jan. 1)

G910016 Goat Junior Showmanship (8 - 10 years of age as of Jan. 1)

Poultry

G910017 Poultry Senior Showmanship (14 - 18 years old by Jan. 1)

G910018 Poultry Int. Showmanship (11 - 13 yrs of age Jan. 1)

G910019 Poultry Junior Showmanship (8 - 10 years as of Jan. 1)

Rabbit

G910020 Rabbit Senior Showmanship (14 - 18 years old by Jan. 1)

G910021 Rabbit Intermediate Showmanship (11 - 13 yrs of age Jan. 1)

G910022 Rabbit Junior Showmanship (8 - 10 years as of Jan. 1)

Horse

G910023 Horse Senior Showmanship (14 - 18 years old by Jan. 1)

G910024 Horse Intermediate Showmanship (11 - 13 yrs of age Jan. 1)

G910025 Horse Junior Showmanship (8 - 10 years old by Jan. 1)

Beef, Division 915

Premiums: Purple 5.00, Blue 4.00, Red 3.00, White 2.00

Please note that a beef animal can be shown in only one class, except where a calf has been shown in the cow/calf class, it also **can be shown in the stocker/feeder class. Exhibitor must list each heifer's breed, identification number and birthdate (month, day & year) on the entry card, and turn the entry card into the livestock chairperson on entry day. A 4-H Clover Kid Bucket Class will be conducted at the beginning of the Beef Show.*

Beef Show Schedule starting at 8:30 a.m.

- ❖ 4-H Clover Kid Bucket Calf
- ❖ Bucket Calves
- ❖ Stocker Feeder
- ❖ Breeding Beef
- ❖ Showmanship
- ❖ Market Beef
- ❖ Pen of Five (steers) and Pen of Five (mixed)

Breeding Beef, Division 915

G915001 Fall Junior Yearlings (September 1, 2018 to December 31, 2018)

G915002 Summer Junior Yearlings (June 1, 2018 to August 31, 2018)

G915003 Late Spring Junior Yearlings (March 17, 2018 to May 31, 2018)

G915004 Early Spring Junior Yearlings (January 1, 2018 to March 14, 2018)

G915005 Senior Yearlings (August 1, 2017 to December 31, 2017)

G915006 Cow/Calf (at the discretion of the Ag Committee, classes may be split by the age of the dam).

**Classes 1-6 will be divided by the following breeds: Limousin, Simmental, Gelbvieh, Hereford, Shorthorn, Angus, Charolais, Salers, Crossbred, and other breeds.*

Stocker Feeder, Division 915

1. To qualify in this division each calf (heifer, bull, or steer) entered must have a certified birth date recorded with the County Extension office **by June 5**. The sire and dam need not be registered
2. Each exhibitor will be limited to 2 entries.
3. Entries may be heifer, bull, and/or steer calves, born during the current year, but before June 1 (January 1 –May 31, 2019).
4. Classes are established for British breed steers, bulls, and heifers and crossbred steers, bulls and heifers.
5. Exhibitor **must** list the age of the calf by month and day on the entry card and turn the entry card into a livestock chairman on entry day.

**Classes may be sub-divided into 2 groups by age for exhibiting:*

1. January-February and 2. March, April & May.

Stocker Feeder calves should be brought to the fairgrounds on the day of the show only. Calves entered in this division will be released from the show and allowed to leave the grounds anytime following the conclusion of the stocker-

feeder calf show. *Note: AK-SAR-BEN show requirements for Stocker Feeders are much stricter. Anyone desiring to exhibit beyond the County Fair should check the AK-SAR-BEN rule book.

Classes:

G915010 British Breed Steers

G915011 Crossbred Steers

G915012 British Breed Heifers

G915013 Crossbred Heifers

G915014 British Breed Bulls

G915015 Crossbred Bulls

Bucket Calf, Division 915

This could be an orphan or newborn calf; male or female; dairy, beef, or cross; fed on bucket or bottle. Calves must be born the current calendar year. Project animals should be separated from their natural mother or any substitute mother within two weeks of birth. **Each 4-H'er exhibiting a bucket calf will turn in an entry card** on entry day of the county fair. Bucket calves will be required to stay for the entire fair.

The animal should be clean and healthy. No grooming (except tails, at the option of the 4-H'er) is to be done on the animals. There will be very little emphasis on beef quality of the calf, since purchase is not made on that basis. Most emphasis will be placed on how much the 4-H'er learned and can do without help. This may include caring for and raising the calf, the general health of the calf and knowledge of the 4H'er in the health-related area, and completion of the record sheet to the best of the member's ability. Interview judging may be done by the judge(s). If the 4-H'er enrolls in Market Beef, Dairy, Stocker-Feeder, or Breeding Beef, they are ineligible for the Bucket Calf project. 4-H'ers may show only **one** bucket calf at the County Fair. These calves will not be in the livestock auction and **may not be used for any showmanship contest.**

No points will be given for the "Outstanding 4-H Livestock Exhibitor" and will **not** count as one of the species for this award.

G915020 Bucket Calf - Exhibited by Clover Kid 5-7 years on January 1

G915021 Bucket Calf - Exhibited by 4-H'er 8-12 years on January 1

Market Heifers

Division I

BRITISH BREED MARKET HEIFERS

G915030 Hereford Heifers

G915031 Angus Heifers

G915032 Shorthorn Heifers

Division II

CROSSBRED AND OTHER MARKET HEIFERS—LIGHT WEIGHT

G915033 Crossbred and other heifers

Division III

CROSSBRED AND OTHER MARKET HEIFERS—HEAVY WEIGHT

G915034 Crossbred and other Heifers

Market Steers

Division I

BRITISH BRED MARKET STEERS

G915040 Hereford Steers

G915041 Angus Steers

G915042 Shorthorn Steers

Division II

CROSSBRED AND OTHER MARKET STEERS—LIGHT WEIGHT

G915043 Crossbred and Other Steers

Division III

CROSSBRED AND OTHER STEERS—HEAVY WEIGHT

G915044 Crossbred and Other Steers

Club Groups

G915050 Club Group of Five Steers Each club may show one group of five steers, chosen from the club entries in the steer classes. Steers may be all of one breed or several breeds.

G915051 Club Group of five mixed market animals. Each club may show one group of five market animals, chosen from the club entries in market beef classes. Any combination of steers and heifers may be used. Steers and heifers may be all of one breed or several breeds. Steers shown in the Club Group of 5 Steers are ineligible to be shown in this class.

Dairy, Division 925

Premiums: Purple 5.00, Blue 4.00, Red 3.00, White 2.00

Animals born after April 30 of the current year are not eligible to show in individual classes or in dairy herds. Registered and grades will show together.

Dairy Division I

Classes:

G925001 Spring Heifer (3/1/19 to 4/30/19)

G925002 Winter Heifer Calves (12/1/18 to 2/29/19)

G925003 Fall Heifer Calves (9/1/18 to 11/30/18)

G925004 Summer Yearlings (6/1/18 to 8/31/18)

G925005 Spring Yearlings (3/1/18 to 5/31/18)

G925006 Winter Yearlings (12/1/17 to 2/28/18)

G925007 Fall Yearlings (9/1/17 to 11/30/17)

**All Animals born after 8-31-2016 those that have calved must be shown in the class for two year olds. Grand Champion and Reserve Champion ribbons will be awarded. Crossbreds show in breed of sire.*

Dairy Division II

Classes:

G925010 Dry Cow (any age)

G925011 Two Year Olds (3/1/17 to 8/31/17)

G925012 Three Year Olds (9/1/15 to 8/31/16)

G925013 Four Year Olds (9/1/14 to 8/31/15)

G925014 Five + Year Olds (prior to 9/1/14)

G925015 Junior Herds—Exhibitors in this class will enter and show three animals. At least one of the three must be a cow that has freshened and completed a 305-day record. At least one animal must qualify as “bred by exhibitor”, all three must be the same breed. Dairy herds must be either registered or grade. A mixed herd is considered as a grade herd.

**The above premiums will apply to the following breeds: Holstein, Guernsey, Ayrshire, Jersey, Brown Swiss and Milking Shorthorn. Crossbreds are shown in breed or sire. Exhibitors of registered animals should have registration papers with them at the show. Note: Division II animals must be entered in their respective class on entry day, but should be brought to the fair the day they will be shown only.*

Dairy Goat, Division 930

**Only female goats may be exhibited.*

Premiums: Purple—5.00, Blue—4.00, Red—3.00, White—2.00

Breeds and Groups “All dairy goats being exhibited need to be individually identified with a USDA official ID (scrapie tag). Under no circumstances may dairy goats be exhibited which originate from Scrapie-Source flocks or Scrapie-Infected flocks.” **Goats are to be on the fairgrounds only on the day of the show. A 4-H'er may make a total of two entries in the goat show. In addition, a third entry may be made in the “Best Dressed Kid Class”. A grand champion goat will be selected. *The following breeds or groups will be shown in this lot: Recorded Dairy Grade, Alpine, Lamanchia, Nubian, Oberhasli, Saanens, Toggenburg.* A 4-H Clover Kid Dairy Goat Class will be conducted at the beginning of the Dairy Goat Show. Refer to the 4-H Clover Kid section in the premium book for details.

Dairy Goat Classes:

G930001 Under 5 Months

G930002 5 months to 8 months

G930003 8 months to 1 year

G930004 1 year to 2 years—no milking doe

G930005 Under 2 years—milking doe

G930006 Over 2 years– Under 5 years—milking doe

G930007 Over 5 years—milking doe

G930008 Junior Herd

G930009 Mother-Daughter grade

G930010 Mother—Daughter registered

G930011 Best Dressed Goat Contest—Exhibitors are encouraged to use their imagination to design a costume for the 4-H goat (kid). The attire should

emphasize the personality of the animal. Any animal shown in this class must be on the 4-H ID Sheet. This class will take place upon the completion of the Dairy show.

Sheep, Division 931

Premiums: Purple 5.00, Blue 4.00, Red 3.00, White 2.00

Arrival Deadline – Market and Breeding sheep will need to come to the fairgrounds on Sunday evening July 28 and stay for the duration of the county fair .

Number of Exhibits - A 4-H member is limited to exhibiting 3 market sheep and 2 breeding sheep maximum. An animal may be entered in only one class.

ID - All sheep being exhibited (this includes Yearlings, and Ram lambs), except wethers, need to be individually identified with a USDA official ID (scrapies tag). Under no circumstances may sheep be exhibited which originate from Scrapie-source flocks or scrapie infected flocks.

Age - Sheep dropped after January 1st of the current year are classed as lambs. Sheep dropped between January 1 of the previous year and January 1st of the current year is classed as yearlings.

Weight Limit - Lambs must weigh a minimum of 100 pounds to be eligible to show in market lamb classes. Lambs weighing less than 100 pounds will show separately, no purple ribbons will be awarded in this class, and these lambs will not compete for champion.

Livestock Sale - A limit of 2 market sheep per Harlan County exhibitor may go through the livestock sale for *premium only*. Lambs must weigh at least 110 pounds to actually sell in the 4-H Livestock Sale. Lambs weighing under 110 pounds may sell for premium; however, these animals will not actually sell but go back home after the fair.

A 4-H Clover Kid Lamb Class will be conducted at the beginning of the Sheep Show. Refer to the 4-H Clover Kid section in the premium book for details

Classes:

Breeding Sheep

G931010 Breeding Buck Lambs (any breed) (Born 9/1/2018 and after)

G931020 Breeding Buck Yearling (any breed) (Born 9/1/2017 - 8/31/2018)

G931030 Breeding Buck Aged (any breed)

G931040 Breeding Ewe Lambs (any breed) (Born 9/1/2018 and after)

G931050 Breeding Ewe Yearling (any breed) (Born 9/1/2017 - 8/31/2018)

G931060 Breeding Ewe Aged (any breed)

**Breeding animals will be shown by breeds in the above classes. Champion ribbons will be given on top breeding sheep.*

Market Sheep

G931070 Market Lambs (any breed)

Lamb Lottery

G931065 Lamb Lottery Participants who are enrolled in the lamb lottery will compete as a class and all will be eligible to then compete in respected Market Lamb classes.

How it works:

- * 4-H'er signs up at the Extension Office by April 5th of the current 4-H year
- * Each 4-H'er will receive a quality Lamb during the lamb lottery in May
- * The 4-H'er is then responsible for their lamb (feeding, caring, grooming, etc.) to ensure it is ready for Fair, come July.
- * How much does it cost? \$50 UPFRONT! After the Premium sale on August 1, the 4-H'er will have \$100.00 subtracted from the total amount earned during the livestock auction.

Meat Goat, Division 958

Premiums: Purple—5.00, Blue—4.00, Red—3.00, White—2.00

Arrival Deadline - Meat goats will need to come to the fairgrounds on Sunday evening July 28 and stay for the duration of the county fair .

Number Exhibits per Exhibitor - A 4-H member is limited to exhibiting 3 meat goats and 2 breeding goat does maximum.

Goat I.D. - All does must have official USDA identification tag in place (part of the scrapie eradication program).

Minimum Age Requirement - All market goats are required to be born on or after January 1, 2019.

Age - Market Goats are to have milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth.

Weight Limits - Market goats must weigh a minimum of 40 lbs. at check-in.

Livestock Sale—a limit of 2 meat goats per Harlan County exhibitor may go through the livestock sale for *premium only*.

Horns - Goats must have horns blunted. Dehorning is acceptable and preferred.

Neck Chains - Goats are to be shown with smooth neck chains or smooth collars only.

Show Class & Sex - Market goats may be doe or wether kids. Short scrotum, cryptorchid and buck kids are not eligible. All market goats will be weighed and divided into divisions. Market does and wethers will show together.

Classes:

Market Goat, Division 958

G958010 - Market Goats (wethers and does)

Breeding Meat Goat, Division 959

Breeding Doe Classes:

G959030 - Yearling Does - (Does born 9/1/2016 to 8/31/2017). Does born prior to 9/1/2015 are ineligible to show.

G959040 - Doe Kids - (Does born 9/1/2017 - 6/1/2018)

G930011 Best Dressed Goat Contest—Exhibitors are encouraged to use their imagination to design a costume for the 4-H goat (kid). The attire should emphasize the personality of the animal. Any animal shown in this class must be on the 4-H ID Sheet. This class will take place upon the completion of the Dairy show.

Swine, Division 935

Premiums: Purple 5.00, Blue 4.00, Red 3.00, White 2.00

****Exhibitors must have a premise Identification Number to exhibit hogs at the Harlan County Fair. Hormel highly recommends that extremely short clipping of their hair not be performed and show oil NOT be used. This can complicate processing the animal and ultimately results in lower carcass yields and payment to the exhibitor.***

Arrival Deadline – Market swine will need to come to the fairgrounds on Sunday evening July 28 and stay for the duration of the county fair .

Number of Exhibits - A 4-H member is limited to exhibiting 3 market swine. An animal may be entered in only one class.

Weight Limit - Hogs must weigh in the weight range of 220 –320 pounds. Pigs weighing less than the minimum weight will be allowed to be exhibited and collect the sale premium. Pigs weighing under 220 pounds or over 320 pounds will not be considered for any championships in the market swine show.

Overall Grand and Reserve Champion Market Swine will be named.

Show Class & Sex - ****Gilts and barrows will show in separate classes.*** - All market swine will be weighed and divided into divisions of gilts and divisions of barrows. Market gilts will be judged first followed by market barrows. These animals will compete accordingly for the overall gilt or barrow and overall reserve gilt or barrow. Overall gilt and overall barrow will compete for the overall grand champion market swine.

Livestock Sale - 3 market hogs may be brought to the Harlan County fair. The third hog may be sold on the open market to a hog buyer or taken home, as the members may sell only two head through the livestock sale.

A 4-H Clover Kid Swine Class will be conducted at the beginning of the Swine Show. Refer to the 4-H Clover Kid section in the premium book for details.

*Boars may not be shown in any class

Classes:

G935003 Carcass *(all entered swine are automatically enrolled)*

G935010 Market Gilts

G935020 Market Barrows

Rabbit, Division 980

Premiums: Purple 3.50, Blue 3.00, Red 2.50, White 2.00

****Rabbits must be owned and raised by the 4-H'er during the year exhibited. A member may make one entry in each class. A 4-H Clover Kid Rabbit Class will be conducted at the beginning of the Rabbit Show. Refer to the 4-H Clover Kid section in the premium book for details.***

SHOWMANSHIP - Basis for judging-showmanship is based on grooming and training of the rabbit and the appearance and behavior of the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the rabbit. Primarily showmanship is the skill of the exhibitor in presenting and explaining the rabbit before the judge. Maximum length of showmanship presentations is four minutes. Exhibitors will be timed. Information on rabbit

showmanship is found in 4-H 339, Rabbits, Rabbits, Rabbits, NATL4H 08080 Rabbit 1: What's Hopping?, and other resources may be available at the county extension office.

Classes:

G980073 Jr. Buck (6 months & under)

G980074 Sr. Buck (Over 6 months)

G980075 Jr. Doe (6 months & under)

G980076 Sr. Doe (Over 6 months)

G980077 Trio (Market Rabbits)

Poultry, Division 970

Premiums: Purple 3.50, Blue 3.00, Red 2.50, White 2.00

4-H poultry members may exhibit in this class. Birds must be owned and raised by the members during the year exhibited. **A 4-H'er may make only one entry in each class and must be present for judging.* A 4-H Clover Kid Poultry Class will be conducted at the beginning of the Poultry Show. Refer to the 4-H Clover Kid section in the premium book for details.

SHOWMANSHIP

Basis for judging-showmanship is based on grooming and training of the bird and the appearance and behavior of the exhibitor. The exhibitor must vocally explain the steps in their routine and the merit of the bird. Primarily showmanship is the skill of the exhibitor in presenting and explaining the bird before the judge. The excellence of the bird is not considered in scoring.

Maximum length of showmanship presentations is five minutes.

Exhibitors will be timed. One (1) point will be deducted for showmanship presentations exceeding 5 minutes.

Chicken Classes:

G970101 Cockerel

G970102 Rooster

G970103 Pullet

G970104 Hen

G970105 Trio (1 Cockerel & 2 Pullets)

G970106 Market Broilers - 4-H'ers must purchase a minimum of 15 birds.

From these birds, a 4-H'er will select a pen of three birds to exhibit at the county fair. Each pen of three birds must weigh a minimum of nine (9) pounds and should be as uniform in size and type as possible. Birds in this class cannot sell at the 4-H livestock sale.

Duck Classes:

G970013 Heavy (Pekin, Rouen, Alyesbury Muscovy)

G970014 Medium (Swedish, Buff, Crested, Cayuga)

G970015 Light (Runner, Khaki, Campbell, Magpie)

G970016 Bantam Ducks (Call, Mallard, East Indie, Wood Ducks)

GEESE Classes:

G970017 Geese (all weight classes)

Turkeys Classes:

**4-H poultry members may exhibit not more than two entries in each turkey class*

G970018 Turkey

PRODUCTION FOWL

G970019 Egg Production Trios - Production Trio -A pen of egg production birds can be hybrids, crossbred or purebred and shall consist of 3 sexually mature females. Egg production females will be judged for production qualities only and need not necessarily conform to breed standards.

EGGS LIMITED TO ONLY ONE (1) DOZEN

G-970-020 One dozen white eggs

G-970-021 One dozen brown eggs

G-970-022 One dozen other colored eggs

Companion Animals, Division 956

Premiums: Purple 3.50, Blue 3.00, Red 2.50, White 2.00

*** All cats being shown, are required to have a rabies vaccination certificate from vet. Vaccination forms MUST be turned into the Extension office 1 week prior to cat show.*

All pets and cats are to be taken home after they are judged. Each pet and cat exhibitor will be required to be available on entry day for an interview with the judge and is suggested that the cat be shown on a leash.

No more than two cat entries by one exhibitor and no more than two entries per class will be allowed. No more than two small pet entries per exhibitor will be allowed. The superintendent has final decision to class and sex of entry.

Cats should be entered in some type of confinement. Exhibitor must wear an official 4-H t-shirt with a 4-H emblem or a white shirt with a 4-H chevron. A 4-H Clover Kid Companion Animal class will be conducted at the beginning of the Companion Animal Show. Refer to the 4-H Clover Kid section in the premium book for details.

Classes:

G956001 Pocket Pets (Hamsters, Gerbils, etc.)

G956002 Caged Birds

G956003 Fish

G956004 Female Cat under 1 Year, but over 6 months

G956005 Female Cat Over 1 year

G956006 Male Cat Under 1 year, but over 6 months

G956007 Male Cat Over 1 year

Just for Fun Dog Show, Division 955

Premiums: Purple 3.50, Blue 3.00, Red 2.50, White 2.00

*** All dogs being shown, are required to have a rabies vaccination certificate from vet. Vaccination forms MUST be turned into the Extension office 1 week prior to dog show.*

The dog show will be open to any 4-H member or 4-H Clover Kid member, ages 5 years or older by January 1, who has a pet dog. 4-H'er and dog will be judged

on 4-H'ers knowledge of their pet and ability to handle their dog. This is not a dog obedience show. The show will be divided into 4-H'er age divisions. A 4-H'er may enter one dog and it must be on a leash. 4-H'ers will be interviewed and judged and must wear a 4-H t-shirt. **No dogs will be shown at the small pet show.** Each 4-H'er will receive a ribbon – All Clover Kid participants (age 8 and under on Jan. 1) will receive a participation ribbon that will not have premium value.

Classes:

G955001 Senior Division (14 years and older Jan. 1)

G955002 Intermediate Division (11 - 13 years as of Jan. 1)

G955003 Junior Division (8-10 years as of Jan. 1)

G955004 Clover Kid (age 5 – 7 as of Jan. 1)

Horse, Division 953

Premiums: Purple 5.00, Blue 4.00, Red 3.00, White 2.00

**Premium money will be paid on the top three ribbon placing's that a participant receives, no matter how many classes are entered.*

General Horse Show Rules:

Only 4-H'ers **8 – 18 years old before January 1**, will be permitted to enter the horse show. Registration for horse show entries will close at **4:30 p.m. on July 12**. All registrations will be handled through the Extension Office. If a 4-H'er scratches a class, it shall remain scratched.

All horses in the show must have had identification sheets turned in by **June 5**, of the current year.

- . Rules used will be from the "Nebraska 4-H Horse Show and Judging Guide" (4-H 373), except as noted.
- . All Exhibitors will compete for Junior and Senior Overall Champion Prize & Title. Winners will be determined based on the number of events and ribbon placing during each class in the 4-H show.
- . Winners will be announced at conclusion of show.
- . Any exhibitor may enter only one horse in each class.
- . All ages of exhibitors are determined as of January 1 of the current year.
- . There is no limit to the number of 4-H'ers from the **same** family using a horse for an event.

Horse Judging Classes

G953002 - Halter Mare

G953003 - Halter Gelding

Showmanship

G910023 Horse Senior Showmanship (14 – 18 years old by Jan. 1)

G910024 Horse Intermediate Showmanship (11-13 years old by Jan. 1)

G910025 Horse Junior Showmanship (8 - 10 years old by Jan. 1)

Halter Classes

There will be only two (2) halter classes—no matter what the breed, size or age of the horse—a mare class and a gelding class. Weanling stud colts may be shown in the gelding class.

G953004 Mares

G953005 Geldings

Performance Classes

**Junior Division will be exhibitors 8- 12 years of age.*

**Senior Division will be exhibitors 13 – 18 years of age.*

G953006 Senior Pleasure

G953007 Junior Pleasure

G953008 Walk / Trot - A Junior 4-H'er taking the Horse project may enter either the Walk/Trot or Junior Pleasure, but not both classes.

G953009 Senior Horsemanship

G953010 Junior Horsemanship

**Scoring on the above classes will be on performance of the horse, hands, and seat of the rider, appointments and suitability of the rider and the horse.*

G953011 Senior Trail

G953012 Junior Trail

**Scoring on the above two classes will be based on the performance of the horse and rider (will be 10% - 15% on rail work and 75%-80% on work over the obstacles) and on horse service, ability, & soundness.*

G953013 Senior Reining

G953014 Junior Reining

G953016 Junior Barrels

G953017 Senior Barrels

G953018 Junior Poles

G953019 Senior Poles

G953020 Senior Goat Tie (**There will be a sixty second time limit*)

G953021 Junior Goat Tie (**There will be a sixty second time limit*)

Roping

Break Away roping and team roping will **not** be divided by age (no junior/senior designations). There will be a 60-second time limit for each of these classes. **Note: Refer to pages 81-84 in 4-H 373 "Nebraska Horse Show & Judging Guide" January 2013 rev.*

G953022 Break Away Roping - **If a roper intends to use two loops, they may recoil rope or use a second rope tied to saddle. Reminder: A contestant may not break the rope away from the saddle nor by hand nor touch the rope or string after a catch is made. Should a rope dally or not break free, contestant will receive no time or score.*

G953023 Header

G953024 Heeler

➤ **There will be an assigned roper for each team-roping event.*

OPEN CLASS

LIVESTOCK SHOW—OPEN CLASS

(Show will be in the Fairground's Livestock Show Arena)

General Rules:

- 1.) This is an Open Class show and in no way represents 4-H. Use of the 4-H emblem is not allowed, wearing the 4-H Clover will result in disqualification from that class.
- 2.) Market Animal Open Class: Harlan County Exhibitors 5- 7 years of age, as of December 31st are eligible to participate. Premiums offered are for Blue and Red only.
- 3.) Each open class show will follow the corresponding species of the completed 4-H show.
- 4.) All participants will be eligible to sell their swine, sheep, or goats in the Harlan County Junior Fair livestock auction.

	Premiums:	Blue	Red
Class #30: Open Class Market Sheep and Showmanship		\$4.00	3.00
Class #31: Open Class Market Goat and Showmanship		\$4.00	3.00
Class #32: Open Class Market Swine and Showmanship		\$4.00	3.00
Class #33: Open Class Leadline		NO PREMIUM	

Best in County

A rosette will be awarded to the "Best in Needlework" and the "Best in County Quilt" at the County Fair. The "Best in Needlework" and "Best in County, Quilt" exhibits are eligible to be sent to the State Fair. Only one article may be entered from each county and the exhibitor must live in the county he/she is representing. The Superintendent of Open Class at the County Fair must send in with the exhibitor's name and address.

DOMESTIC ARTS—OPEN CLASS

Open Class Livestock Show rules DO NOT apply to Domestic Arts Open Class.

Valerie Brady, Superintendent (Exhibited in the Ag Center)

Each article may be exhibited one year only. Every article for exhibition must be classified. Exhibitors are limited to two entries in each class except Photography. Photography exhibitors may enter four entries in each class. All entries must be entered on Monday July 31, 2017 from 7:30 a.m. to 11:00 a.m. and will be released from 8:00 a.m. until 12:00 p.m. on Thursday, August 3rd. Nebraska State Fair deadline for open class entries will be August 9, 2017.

To read the State Fair Open class rules please see their website at <http://www.statefair.org/events/exhibits-presentations/displays-and-exhibits>.
**A "Best in Class" ribbon will be presented as the judge sees fit.*

BAKED GOODS

Must be homemade and exhibited on a paper plate. Food exhibits can be picked up following judging on Monday, July 31st.

	Blue	Red	White
Class 1A Yeast Bread (One-Half Loaf)			
White Bread	\$2.50	2.00	1.50
Whole Wheat Bread	\$2.50	2.00	1.50
Rye Bread	\$2.50	2.00	1.50
Other Specialty bread	\$2.50	2.00	1.50
Class 2A Yeast Rolls (Four on a plate)			
Cinnamon Rolls...	\$2.50	2.00	1.50
Dinner Rolls	\$2.50	2.00	1.50
Class 3A Quick Bread (One-Half Loaf)			
Banana Bread	\$2.50	2.00	1.50
Nut Bread	\$2.50	2.00	1.50
Other Quick Bread	\$2.50	2.00	1.50
Class 4A Cake (8" or 9" square or round, unfrosted)			
White	\$2.50	2.00	1.50
Devil's Food	\$2.50	2.00	1.50
Spice	\$2.50	2.00	1.50
Angel Food	\$2.50	2.00	1.50
Chiffon Cake	\$2.50	2.00	1.50
Class 4B Decorated Cake <i>(Cakes will not be cut and can be picked up after judging)</i>			
Novelty Cake	\$2.50	2.00	1.50
Class 6A Cookies (4 on a plate)			
Rolled Cookies	\$2.00	1.50	1.00
Drop Cookies	\$2.00	1.50	1.00
Bar Cookies	\$2.00	1.50	1.00
Decorated	\$2.00	1.50	1.00
Other	\$2.00	1.50	1.00
Class 7A Candies (Homemade Candy –6 pieces)			
Fudge	\$2.00	1.50	1.00
Divinity	\$2.00	1.50	1.00
Peanut Butter Fudge	\$2.00	1.50	1.00
Penuche	\$2.00	1.50	1.00

FOOD PRESERVATION

Exhibits must be uniform pint or quart jars and lids should be uniform.

Labeling: The jars should be uniformly labeled. The name of the product, type of pack (hot or cold), processing method and time, pounds of pressure (for low acid products). Exhibitors are limited to two entries per class. Each entry must be a different type of fruit or vegetable.

	Blue	Red	White
Class 8A Home canned Fruit (Quart Jar)	\$3.00	2.50	2.00
Class 8B Home canned Fruit (Pint Jar)	\$2.00	1.50	1.00
Class 9A Home canned Vegetable (Quart Jar)	\$3.00	2.50	1.00
Class 9B Home canned Vegetable (Pint Jar)	\$2.00	1.50	1.00
Class 9C Pickled Vegetable (Quart or Pint)	\$3.00	2.50	2.00

(Includes Pickles & Relishes)

	BLUE	RED	WHITE
CANNED MEATS (*PINTS OR QUARTS)			
Class 10A Beef	\$3.00	2.50	2.00
Class 10B Pork	\$3.00	2.50	2.00
Class 10C Other	\$3.00	2.50	2.00

JELLIES AND JAMS (PINT OR 1/2 PINT JAR)

Class 11A Jam	\$2.50	2.00	1.50
Class 11B Jelly	\$2.50	2.00	1.50

DRIED FRUIT AND VEGETABLES

*An exhibit is three samples of the same fruit or vegetable entered in a zip lock bag.

Class 12A Dried Fruit	\$2.00	1.50	1.00
Class 12B Dried Vegetable	\$2.00	1.50	1.00

PHOTOGRAPHY

BLUE RED WHITE

Class 13 A Single Print—Single print mounted on black or white 8 1/2"x 6" poster board. Print may be cropped with a straight edge scissors. Print should be no smaller than 3"x 4" or larger than 4"x 6"

\$2.00 1.50 1.00

Class 13B Picture Story—Five to eight pictures which tell a story mounted on a black or white 11"x 22" poster board.

\$3.50 3.00 2.50

Class 13C Enlargement—A 5"x 7" or a 8"x 10" print mounted in a cut matting (No picture frames)

\$3.50 3.00 2.50

ARTS AND CRAFTS

BLUE RED WHITE

Paintings: (All pictures must be framed and ready to hang)

Class 15A Oil Painting	\$2.50	2.00	1.50
Class 15B Acrylic Painting	\$2.50	2.00	1.50
Class 15C Water Color Painting	\$2.50	2.00	1.50
Class 15D Drawing	\$2.50	2.00	1.50
Class 15E Kid's Art 12 & under	\$2.50	2.00	1.50
Class 15F Other	\$2.50	2.00	1.50

CHINA PAINTING

BLUE RED WHITE

Class 16A China Painting	\$2.50	2.00	1.50
Class 17A Ceramics, unusual glaze	\$2.50	2.00	1.50
Class 17B Ceramics, under glaze	\$2.50	2.00	1.50
Class 17C Ceramics, stain	\$2.50	2.00	1.50
Class 17D Ceramics, over glaze and luster	\$2.50	2.00	1.50
Class 17E Ceramics, miscellaneous	\$2.50	2.00	1.50
Class 17F Kid's Ceramics, (12 yrs. & under)	\$2.50	2.00	1.50

COUNTRY CRAFTS

BLUE RED WHITE

Class 18A Wood....	\$2.50	2.00	1.50
Class 18B Wreaths	\$2.50	2.00	1.50
Class 18C Rugs	\$2.50	2.00	1.50
Class 18D Soft Sculpture	\$2.50	2.00	1.50
Class 18E Toys & Dolls	\$2.50	2.00	1.50
Class 18F Other	\$2.50	2.00	1.50

Class 18G Kid's Craft (12 yrs. & under)	\$2.50	2.00	1.50
NEEDLE CRAFT	BLUE	RED	WHITE
Class 19A Embroidery	\$2.50	2.00	1.50
Class 19B Applique	\$2.50	2.00	1.50
Class 19C Needlepoint	\$2.50	2.00	1.50
Class 19D Counted Cross Stitch	\$2.50	2.00	1.50
Class 19E Other	\$2.50	2.00	1.50
OTHER MISCELLANEOUS CRAFTS	BLUE	RED	WHITE
Class 20A Wall Hangings	\$2.50	2.00	1.50
Class 20B Pillows	\$2.50	2.00	1.50
Class 20C Clothes Item or Accessory	\$2.50	2.00	1.50
Class 20D Other	\$2.50	2.00	1.50
Class 20E Kid's Class (12 yrs. & under)	\$2.50	2.00	1.50
Class 20F Made from Kits	\$2.50	2.00	1.50
HAND QUILTED QUILTS	BLUE	RED	WHITE
Class 21A Pieced	\$3.50	3.00	2.50
Class 21B Appliqued	\$3.50	3.00	2.50
Class 21C Embroidered & Other	\$3.50	3.00	2.50
MACHINE QUILTED QUILTS	BLUE	RED	WHITE
Class 22A Pieced.	\$3.50	3.00	2.50
Class 22B Appliqued	\$3.50	3.00	2.50
Class 22C Embroidered & Other	\$3.50	3.00	2.50
MISCELLANEOUS	BLUE	RED	WHITE
Class 23A Hand Tied	\$3.50	3.00	2.50
Class 23B Pre-Printed Quilt Top	\$3.50	3.00	2.50
CROCHET	BLUE	RED	WHITE
Class 24A Afghan, Crib Coverlet, Bedspread	\$3.50	2.50	2.00
Class 24B Table Covering, Tablecloth, Place mats, Table runner, etc	\$3.00	2.50	2.00
Class 24C Sweater, Clothing accessory, Infant clothing, other article	\$3.00	2.50	2.00
Class 24D Pillow, Cushion, Rug, Doily	\$2.50	2.00	1.50
Class 24E Set of Two Potholders, Toy, Animal, Puppet, Other Crocheted article	\$2.50	2.00	1.50
KNITTING	BLUE	RED	WHITE
Class 25A Afghan, Crib coverlet, Bedspread	\$3.00	2.50	2.00
Class 25B Sweater, Clothing Accessory, Infant Clothing, Other Clothing Article	\$3.00	2.50	2.00
Class 25C Pillow, Cushion	\$2.50	2.00	1.50
Class 25D Toy, Animal, Puppet, Set of Two Potholders, Other Knitted Article	\$2.50	2.00	1.50
CLOTHING CONSTRUCTION	BLUE	RED	WHITE
Class 26A Suits & Coats	\$3.00	2.50	2.00
Class 26B Dresses	\$2.50	2.00	1.50
Class 26C Shirts & Blouses	\$2.50	2.00	1.50

Class 26D Other	\$2.50	2.00	1.50
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SCRAPBOOKING (*ANY SIZE BOOK CAN BE ENTERED. ONE ENTRY PER

CLASS.)

Class 27A A Single page	\$1.50	1.25	1.00
Class 27B A small scrapbook (4-10 pages)	\$2.50	2.00	1.75
Class 27C A larger scrapbook (11 or more pages)	\$3.00	2.50	2.00

HORTICULTURE

Cultivar or variety name must be included on the entry card. Failure to identify the cultivar or variety will drop the entry one ribbon placing. A total of five entries in flowers and a total of five entries in garden may be entered by any one exhibitor.

FLORICULTURE

BLUE RED WHITE

***Three or more blooms. Vases will not be judged.**

Class 28A

Coxcomb (crested type)	\$2.00	1.50	1.00
Coxcomb (plumed type)	\$2.00	1.50	1.00
Asters	\$2.00	1.50	1.00
Phlox	\$2.00	1.50	1.00
Petunias	\$2.00	1.50	1.00

Class 28 B

Marigold	\$2.00	1.50	1.00
Dahlias	\$2.00	1.50	1.00
Zinnia (large)	\$2.00	1.50	1.00
Zinnia (small)	\$2.00	1.50	1.00
Cosmos	\$2.00	1.50	1.00
Snapdragon	\$2.00	1.50	1.00
Gladiolus	\$2.00	1.50	1.00
Mixed Bouquet	\$2.00	1.50	1.00
Roses	\$2.00	1.50	1.00
Other	\$2.00	1.50	1.00

ARRANGEMENTS

Blue Red White

Class 28C

Fresh	\$3.00	2.50	2.00
Dried	\$3.00	2.50	2.00

GARDEN

**Only fresh vegetables grown during the current season will be accepted for exhibit. An exhibit is classified as:*

Class 29A Vegetable Garden Collection—

Exhibit of five kinds of vegetables displayed in a box not to exceed 24" in any dimension (for numbers of vegetables in the exhibit refer to groups below.

\$2.50 2.00 1.50

Class 29B Vegetables

A. Vegetables—1 of each: cabbage, eggplant, muskmelon, pumpkin, squash, watermelon

\$2.50 2.00 1.50

B. Vegetables—2 of each: sweet potatoes, rutabaga, bell peppers, broccoli

and any vegetable not listed in another group	\$2.50	2.00	1.50
C. Vegetables— 3 of each: slicing cucumbers, sweet corn in husk, red tomatoes (2" or over), yellow tomatoes (2" or over), turnips, kohlrabi, Swiss chard, onions, Parsnips	\$2.50	2.00	1.50
D. Vegetables—4 of each: okra, carrots, beets, potatoes, sweet potatoes, salsify rhubarb, Brussels sprouts, beans, pickling cucumbers, salad tomatoes, onions (green bunch), hot peppers, radishes, other peppers	\$2.50	2.00	1.50
E. One pint of edible beans	\$2.50	2.00	1.50
F. Two to five other vegetables, including herbs not listed	\$2.50	2.00	1.50