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Deb May ........................................

Open Class Coordinators:

Teresa Schommer .................. 402-841-6100
Michele Reeves ...................... 402-992-2507

Madison County Extension Office
Phone: 402-370-4040
1-800-217-4310

Fairgrounds Office
Phone: 4020-454-2144

University of Nebraska-Lincoln Extension educational programs abide with the
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2015 Madison County
4-H Council Members

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GENERAL RULES & REGULATIONS

Rule 1. While the greatest possible care will be executed by the management to protect patrons of the Madison County Fair, each individual will be held personally responsible for his or her actions and the management will not be accountable or responsible for any injury.

Rule 2. Madison County Agricultural Society management assumes no liability for loss or damage to any property to the concessionaire, exhibitor or patron, due to theft, fire, tornado, weather conditions or other causes.

Rule 3. All entries must be owned by the exhibitors, all agricultural and horticultural products must be the products of the present year, except crops not yet harvested in this year or canned goods canned after 2014. In such cases last year's crops or canning may be exhibited.

Rule 4. When there is no competition, first prize ribbon and/or trophy will be awarded, if deemed worthy by the judge.

Rule 5. In case of protest, a written statement setting forth the reasons for protesting must be filed with the Grievance Committee before the close of the fair. A $50.00 cash deposit must accompany each protest and is refundable if your protest is upheld.

Rule 6. All articles must remain within the enclosure during the fair and cannot be removed until 4:00 p.m. on the last day of the fair unless otherwise stated. Animals will be dismissed at 1:00 p.m. the last day of fair. You must apply in writing to the Madison County Ag Society prior to fair for early release of exhibits. It will need to be approved by the Ag Society before or during the June board meeting.

Rule 7. Feed must be furnished by the exhibitors. NO STRAW will be allowed. All bedding will be furnished. Additional bedding will be available on the grounds. Shavings ONLY will be used for hogs, sheep, goats, and horse. Beef and dairy bedding will be provided.

Rule 8. Superintendents will be in charge of everything in their respective department and will have the authority to make decisions.

Rule 9. In case there are insufficient funds to pay premiums in full, they will be prorated and paid accordingly.

Rule 10. All classes of livestock must be shown in the arena to receive premiums.

Rule 11. All livestock exhibitors must clean their stalls/pens.

Rule 12. All livestock must be owned by the exhibitor making the entry and must be shown by the exhibitor except in case of injury, sickness, or other acceptable reasons.

Rule 13. Livestock health requirements will be published before Fair Dates and copies will be available at the University of Nebraska - Lincoln Extension in Madison County Office.
Rule 14. All 4-H Exhibitors of Beef, Sheep, Hogs, Dairy Cattle, Dairy Goats, Poultry and Rabbits must have received Quality Assurance training or testing through a qualified trainer certified by the Extension Office prior to the County Fair.

Rule 15. Exhibits can be entered in **ONLY one county fair**.

Rule 16. First trip over the scale is the weight the superintendents will use.

Rule 17. Once livestock has been unloaded, it is to remain on the grounds until dismissal.

Rule 18. Dress Code - Exhibitors showing beef, dairy, dairy goats, dogs, cats, sheep, hogs, poultry, rabbits and other small animals are required to wear a Madison County 4-H T-Shirt or a white shirt or blouse with the 4-H Chevron attached. Dark blue jeans are preferred. Long jeans/pants are required for large and small animals.

Rule 19. **ONLY fans can be used at fair. All working/moving parts must be enclosed. No Exceptions.**

Rule 20. The judge’s decision, on whatever it may be, should be accepted. When an exhibitor or exhibitor’s parent, leader, trainer, or friend is guilty of unsportsmanlike conduct, such as overt coaching or assistance to the 4-H member while he or she is competing, the show management (Judge, 4-H Council, Extension Staff, Superintendent, and/or Fairboard) may suspend such exhibitor’s right to participate in the future classes or shows. The exhibitor’s parent, leader, trainer or friend can be barred from the show grounds for unsportsmanlike conduct or improper behavior.

Rule 21. **No electronic communication devices will be allowed by exhibitors while in a class.**

Rule 22. **Adults will conduct themselves in a manner that reflects a positive model for 4-H Youth.**

Rule 23. **Trainers and adults are not allowed to exercise, work out, or ride 4-H’er’s horses at 4-H horse shows.**

Rule 24. To show livestock in Madison County Fair as a FFA Member you either need to live in Madison County, go to school in Madison County, or be a part of a FFA Chapter in Madison County.
2015 PROGRAM SCHEDULE

SATURDAY, JUNE 27

8:00 a.m. - 12:30 p.m.  Interview Judging of ALL 4-H Exhibits
                        except Foods and Gardening
                        Madison County Fairgrounds

2:00 p.m.               Public 4-H Style Review
                        Commercial Building

TUESDAY, JULY 7

5:00 p.m. - 9:00 p.m.  Enter & Check In Open Class Flowers and Exhibits
                        (Exhibits can also be entered Wednesday from 8 to 10 a.m.)
                        Octagon Building; Use South Gate

5:00 p.m. - 9:00 p.m.  4-H / FFA Horse and Livestock Assigned Stalls Available
                        (except lactating dairy and feeder calves)

ALL RABBITS CHECK-IN
MUST BE IN PLACE BY 9:00 P.M.

4-H / FFA Small Animals Assigned Pens Available
(except dog, cat, or wild game)
               Small Pets Building

7:30 p.m.               “Rodeo Slack Night”
                        Grandstand
WEDNESDAY, JULY 8
4-H Day at the County Fair

7:30 a.m. - 9:30 a.m.  4-H Hogs in Place, Weigh-In & Check-In

8:00 a.m. - 12:30 p.m.  4-H Interview Judging of Foods & Gardening
                        4-H Building

8:00 a.m. - 11:00 a.m.  Open Class Enter & Check In
                        Check in Open Class Flowers
                        Octagon Building

9:00 a.m.  4-H Breakaway Roping, Dally Steer, Ranch Horse,
            Stationary Roping and Goat Tying
            Grandstand

12 NOON  ALL LIVESTOCK, HORSES, AND SMALL
          ANIMALS MUST BE IN PLACE
          (except lactating dairy, feeder calves, dog, cat, wild game)

4-H / FFA Check-In / Weigh-In Schedule:
Beef, Sheep, Horses, Dairy and Dairy Goats
(Check the bulletin boards for times)

1 p.m.  4-H Rabbit Show
        Small Pet Building

4:00 p.m.  4-H Livestock Judging Contest (all livestock)
           Livestock Show Arena

5:00 p.m.  Heart of America - Open

6:00 p.m. - 11:00 p.m.  Exhibition Buildings Open
                        (Open Class Building open upon completion of judging)

6:45 p.m.  4-H Members meet at Grandstand for introduction
            Wear your 4-H t-shirt

7:30 p.m.  MID-STATES CHAMPIONSHIP RODEO
           & 4-H NIGHT
           Grandstand

10:00 p.m.  Dance
            Activities Center
THURSDAY, JULY 9

9:00 a.m.  4-H / FFA Hog Show
            Livestock Arena, South side

9:00 a.m.  4-H / FFA Dairy Show followed by Dairy Goat Show
            Livestock Arena, North side

9:00 a.m.  4-H / FFA Horse Show
            All English, Trail, Reining, Poles, Barrels
            Grandstand Arena

10:00 a.m. Bucket Calf Interviews
            10:00 am - Clover buds
            10:30 am - 8 & 9 years old
            11:00 am - 10 & 11 years old

9:00 a.m. – 11:00 p.m.  Open Class Building Open

11:00 a.m.  Commercial Building Open

2:00 p.m.  4-H Bucket Calf Show & Returning Bucket Calf Show
            Livestock Arena

4:00 p.m.  4-H Presentation Contest
            McLeb Building

5:00 p.m.  Hearts of America - Open

7:30 p.m.  MID-STATES CHAMPIONSHIP RODEO
            Veteran’s Night
            Grandstand

10:00 p.m.  Dance
            Activities Center
FRIDAY, JULY 10

9:00 a.m. 4-H / FFA Horse Show
          English—all, Showmanship, Halter, Walk-Trot, Western Pleasure, Western Horsemanship, Western Riding
          East Arena

9:00 a.m. 4-H / FFA Sheep Show
          Livestock Arena, South side

          4-H Meat Goat Show, to follow Sheep Show

9:00 a.m. 4-H / FFA Cat Show, Open Class to Follow
          Activities Center

11:00 a.m. Commercial Building Open

9:00 a.m. – 11:00 p.m. Open Class Exhibit Building Open

1:00 p.m. Exotic Animal Show
          Livestock Arena—North Side

2:00 p.m. 4-H / FFA Companion Animal Show
          McLeb Building

3:00 p.m. 4-H Scavenger Hunt
          Livestock Arena - south side

5:00 p.m. Hearts of America - Open

7:30 p.m. MID-STATES CHAMPIONSHIP RODEO -
          Tough Enough to Wear Pink
          Grandstand

10:00 p.m. Dance
          Activities Center
SATURDAY, JULY 11

7:00 a.m. - 9:30 a.m.  Breakfast  
                     Concession Hall

6:30 a.m. - 8:30 a.m.  Stocker Feeder weigh-in

8:00 a.m.  Flag Raising Ceremony

8:30 a.m.  4-H / FFA Stocker Feeders in place

9:00 a.m.  4-H / FFA Dog Show & Open Class  
            McLeb Building

9:00 a.m.  4-H / FFA Beef Show  
            Livestock Arena

9:00 a.m. – 11:00 p.m.  Open Class Exhibit Building Open

9:00 a.m.  4-H Poultry Show  
            Small Pet Area

11:00 a.m.  Commercial Building Open

12 NOON  Hearts of America - Open

8:30 p.m.  LEE BRICE  
            Grandstand Arena

10:00 p.m.  Dance  
            Activities Center
SUNDAY, JULY 12

9:30 a.m.  Church Service
           Activities Center

10:00 am. – 6:00 p.m.  Open Class Exhibit Building Open

11:00 a.m.  Commercial Building Open

11:00 a.m.-1:30 p.m.  BARBECUE
                      Concession Hall

12:00 noon  Hearts of America – Open

1:00 p.m.  Release of 4-H / FFA Animals

4:00 p.m. - 5:30 p.m.  Payment of 4-H Premiums in 4-H Office

4:00 p.m. - 5:30 p.m.  Release of 4-H Exhibits

4:00 p.m. - 6:00 p.m.  Payment of Open Class Premiums
                      in Open Class Building

4:00 p.m. - 6:00 p.m.  Release of Open Class Exhibits

8:30 p.m.  BIG AND RICH
           Grandstand

FIREWORKS FINALE
           Following concert

*Events subject to change without notice.

SCHOOL ART EXHIBITS – Open Daily in upstairs of Open Class Building

MONDAY, JULY 14

11:30 a.m. – 1:30 p.m.  Pick up Large 4-H Exhibits at fairgrounds

4:30 a.m. – 6:30 p.m.  Pick up Large 4-H Exhibits at fairgrounds
4-H DEPARTMENT

Lee Sherry, Extension Educator, Family & Youth
Sarah Polacek, Extension Assistant - 4-H/Youth
Wayne Ohnesorg, Extension Educator,
Michelle Kroupa, Extension Nutrition Assistant, NEP
Pam Kesting, Office Assistant

4-H is "Learning by Doing". With this in mind, the Madison County Agricultural Society urges ALL 4-H members to learn by doing their own project work throughout the year. They also recognize that 4-H is a family affair and that at times 4-H’ers need mom's and dad's ASSISTANCE. They hope that each family will recognize the times that assistance is needed and the times that the member needs to learn on his or her own.

* Symbolizes entries which are not eligible for State Fair.

4-H exhibits must be in place by the designated times on the schedule in front of book. All entries in this department are limited to boys and girls who are enrolled in 4-H/FFA in Madison County. A Member must be enrolled in the project in which he exhibits.

Where 4-H age is specified, it is the age before January 1 of the current year. To be eligible to exhibit at county fair, a 4-H member must have reached his/her 8th birthday but not have passed his/her 19th birthday by January 1 of the current year.

*If your birthday is on January 1, your 4-H age is the age you were on December 31.
*If you turn eight on January 1, your 4-H age is 7.
*If you turn nine on January 1, your 4-H age is 8.

4-H Cloverbud members age 5-7 before January 1 of the current year may also exhibit their projects.

All 4-H/FFA livestock, small pet, foods, clothing & all other 4-H exhibits must be pre-registered at the extension office by JUNE 15, 2015.

4-H’ers enrolled in a 4-H project not listed in this premium book should contact the extension educators for appropriate entry.
Exhibits are to foster civic responsibility and action within the diverse areas of citizenship including community service, service learning, government and policy making. Entries must include a statement explaining the purpose of the exhibit and how the exhibit will be used. All exhibitors are encouraged to show evidence of their personal field experience, study or observations that relate to their exhibit. This helps the judges understand what the 4-H member did and learned in the process that led to the exhibit. All exhibits 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).

Classes:
1. Care Package Display - This exhibit is a display about the PROCESS of creating and giving a care package, not the actual care package. You may use a poster, Power Point or another multi-media program to tell about the process of developing and giving a care package to a service organization. You need to answer the following questions in your exhibit.
   - How did you select the organization?
   - What items did you include in your care package?
   - Why did you select those items?
   - How did it feel to present your care pack to the organization?
   - What did you learn from this experience?
   - Other information that you feel is important about the care package or organization.
   Some examples of care packages are: Backpack for school supplies, litter pan for animal shelter items, suitcase for abuse or homeless shelter, etc.

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

3. Patriotic or Cultural Fine Arts - Can be made of any art media but show time in the relevance of the artwork to citizenship.

4. Public Adventure Scrapbook - Should describe your Public Adventure or Service Learning Activity. Scrapbook must measure no more than 16” x 16”.

5. Public Adventure Poster - Should describe your Public Adventure or Service Learning Activity. Posters must be stiff enough to stand when supported from behind and below. Length and width must be no more than 24” x 28”.

6. Written or Recorded Stakeholder Interview - Should follow the outline found in the Public Adventures Curriculum. It may be written or recorded.

7. Written Citizenship Essay is designed to promote good citizenship and patriotism. All essays should be 300 - 400 computer generated words. This essay is open to all age groups.
8. *For the 9th-12 Grades Only:* Oral Citizenship Essay addressing the theme “Freedom’s Obligations” should be 3-5 minutes. No background music, singing or other enhancement allowed. All essays should be on a good quality cassette tape and in a natural style. Voice tone should be normal and conversational. A copy of the written essay should be attached.

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

10. 4-H Club Exhibit should depict what a 4-H club has done in the area of community service. This item could include, but is not limited to, a service item, poster, scrapbook, and cultural or creative arts item or care package.

**DIVISION 130 - CITIZENSHIP**

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Classes:
1. Cultural Fine Arts can be made of any art media but should symbolize what makes them unique.

2. *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.

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

4. Family History depicting your family cultural history or the ethnic make-up of your community noticing who were the first settlers, family celebrations, museums or educational displays, historical markers, etc.

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

6. “*This is Who I Am*” poem.

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

8. 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.

9. Play Script written about a different culture.
FAMILY FORKLORE or FOODWAYS
Purple $2.50  Blue $2.00  Red $1.50  White $.50

An exhibit of items, pictures, maps, charts, slides/tapes, illustrations, writings, or display, that depict the heritage of the member's family or community or 4-H history. The display exhibit should not be larger than 22” high and 28” wide. Pictures and other hanging items must have a wire hanger for display purposes. Display collections securely in an attractive container no larger than 22” x 28”. Include Name, County and Years in Project on back of exhibit. On entry form indicate if you are in Section 101 (1-4 years in project); or Section 102 (over 4 years in project).

DIVISION 101 (1-4 years in project)

Classes:
1. Heritage poster or flat exhibit – Entries may be pictures, posters, items that depict family heritage. Exhibit must be supported by a written explanation.
2. Family Genealogy/History Notebook - Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year’s work.
3. Local History Scrapbook/Notebook - Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciates their heritage.
4. Framed family groupings (or individuals) showing family history. Pictures must be supported by a written explanation.
5. 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.
6. 4-H History Scrapbook - A scrapbook relating 4-H history of local club or county. Must be work of an individual 4-H member, no club projects. If multiple books included in exhibit, only bring book with most current year’s work.
7. 4-H History Poster - relating 4-H history of local club or county or individual.
8. Story or illustration about a historical event.
9. Book review about local, Nebraska or regional history.
10. Other historical exhibits - attach an explanation of historical importance.
11. Family Traditions Book - Exhibitor scrapbook depicting family traditions of the past
12. Family Traditions Exhibit - Story or illustration of a family tradition or event. Exhibits must be supported by a written explanation.
13. 4-H Club/County Scrapbook - Scrapbook relating 4-H History of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year’s work.
14. 4-H Member Scrapbook - Scrapbook relating to individual 4-H member’s 4-H history. If multiple books included in exhibit, only bring book with most current year’s work.
15. 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 (over 4 years in project)

Exhibits include Class 1-10 in division 101 plus the following classes.

Classes:
1. Heritage poster or flat exhibit – Entries may be pictures, posters, items that depict family heritage. Exhibit must be supported by a written explanation.
2. Family Genealogy/History Notebook - Include pedigree charts/family group sheets, with documentation for two-three generations of one family line, expanding each year. If multiple books included in exhibit, only bring book with most current year’s work.
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7. 4-H History Poster – Poster relating 4-H history of local club or county or individual.
8. Story or illustration about a historical event.
9. Book review about local, Nebraska or regional history.
10. Other historical exhibits - Attach an explanation of historical importance.
11. Exhibit depicting the importance of a community or Nebraska historic landmark.
12. Community Report documenting something of historical significance from past to present.
13. Historic collection (displayed securely and attractively in container no larger than 22” by 28”).
14. Video/DVD or slide/tape documentary of a family or community event. Must be produced and edited by 4-H member.
15. 4-H Club/County Scrapbook – Scrapbook relating 4-H history of local club or county compiled by club historian. If multiple books included in exhibit, only bring book with most current year’s work.
16. 4-H Member Scrapbook - Scrapbook relating to individual 4-H member’s 4-H history. If multiple books included in exhibit, only bring book with most current year’s work.
17. Special Events Scrapbook - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal or family special event, such as a trip, family reunion, etc.
DEPARTMENT B—PHOTOGRAPHY

Limit of three entries per individual in each project - one exhibit per entry number

PHOTOGRAPHY

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MOUNTING: DO NOT USE PHOTO CORNERS, BORDERS OR PLASTIC OVER THE PICTURES. Attach photos with double stick tape (preferred).

Personal Data Tag: Part A

<table>
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<tr>
<th>Tell us about you:</th>
<th>Tell us about your camera and your settings:</th>
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<tr>
<td>Name: ____________________________</td>
<td>Camera Description: ____________________________</td>
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<tr>
<td>Age: ____________________________</td>
<td>(make and model) (digital / film, fixed / auto/SLR)</td>
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<tr>
<td>County: _________________________</td>
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<tr>
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<td>Camera Setting: ____________________________</td>
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<td>(ex: landscape, sport, etc.)</td>
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<td>Flash: ________________________________</td>
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<tr>
<td>Filter Used (if any): ______________________</td>
<td>(flash, natural or artificial light used)</td>
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<tr>
<td>Focus Type: ________________________</td>
<td>Filter Used (if any): ________________________</td>
</tr>
<tr>
<td>Aperture Type / F Stop Setting: ______________</td>
<td>(wide-angle, telephoto, micro)</td>
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<tr>
<td>Shutter Speed Setting: ________________</td>
<td>Focus Type: ____________________________</td>
</tr>
<tr>
<td>Did you adjust manually? ________________</td>
<td>(automatic, manual, fixed)</td>
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<tr>
<td>(yes or no)</td>
<td>Aperture Type / F Stop Setting: ________________</td>
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</tbody>
</table>

Personal Data Tag: Part B

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

CONTROLLING THE IMAGE: UNIT II GUIDELINES

A. Unit II Picture Displays:

✦ Three 4x6 photos mounted on a single horizontal 11” X 14” black (preferred) or white poster or matting board.
✦ Every photo on picture display must be pencil numbered (no. 2 lead pencil) below (for judge’s reference only). Numbers should be readable but not detract from display.
✦ No titles, captions, or stick-on numbers will be allowed.
✦ Photos must be mounted vertically or horizontally.
✦ Personal Data Tags (parts A and B) are required
B. Unit II Exhibit Prints:
  ✦ All exhibit prints are 8" x 10" prints mounted in 11" x 14" (outside size) cut matting (no frames) with a matt-board backing (not foam board); rectangular or oval inside matt opening; sandwich the photograph between the backing and top matt.
  ✦ Place photos horizontally or vertically as appropriate.
  ✦ Personal Photo Data Tags (parts A and B) are required.

C. Unit II Photo Journal:
  ✦ Choose project 1, 2, 3 or 4 in the Level 2 project manual titled “Controlling the Image” (available at county offices or National 4-H Supply)
  ✦ Complete the pages associated with the project of your choice (project 1, 2, 3 or 4)
  ✦ Place pages in an 8½ x 11 black or white 3 ring binder.
  ✦ Personal Data Tags are required. For your journal complete Part A only and include this as page one of your journal.

*DIVISION 180: UNIT I – FOCUS ON PHOTOGRAPHY

Color prints or black and white photos (flash or natural light will be accepted). All types of cameras including Polaroid, instant cameras, and digital can be used to take pictures in Unit 1. If using a digital camera, NO editing is allowed.

Pictures in the picture displays and picture stories must be pencil numbered consecutively with a small number below each picture, to allow judges to make comments.

*Unit 1 - FOCUS ON PHOTOGRAPHY (Entries NOT eligible for State Fair)
Displays in Unit I are to be mounted on 11" x 14" black or white poster or matting board.

Classes:
*901. Taking Great Photos - Entry will consist of three pictures. The 4-H member will exhibit one picture from three different categories. Categories to be selected from include: animal, people, and places. See page 54 of Focus on Photography manual.

*902. Picture Story Series - Entry will consist of a series of three pictures which tell a photo story with a beginning, middle, and end all done with pictures. Each photo should show a definite step. NO CAPTIONS. See page 58 of Focus on Photography manual.

*903. Black and White - Entry will consist of one photogram developed on 8" x 10" black & white photographic paper, mounted in 11" x 14" cut matting with sandwich backing. Entry will be judged on creativity, use of shapes, texture, black to white color variance, correct exposure and composition. See page 62 of Focus on Photography manual.

*904. Building/Landscape Picture Display - entry will consist of three pictures of three different subjects which include buildings and landscape. See page 34 of Focus on Photography manual.

*905. Hat Trick and Magic - Display four photos that show the following special effects: Hat trick, hand stand, magic, and bad hair day. See page 50 of Focus on Photography manual.
*906. Bird’s (or Bug’s) Eye View - Display four photos one each taken from a lying on your stomach position, lying on your back, leaning over and bending sideways. See page 46 in Focus on Photography manual.

*907. Photography with Your Feet - Display three photos of your friend using a long shot, medium shot and close-up shot. The close-up photo should fill the frame. See page 38 in Focus on Photography manual.

*908. Directing the Light - Display four photos which show your best pictures of front, side, back, and top lighting. Write short explanation what features are emphasized with each type of lighting. See page 26 of Focus on Photography manual.

*912. My Favorite Other Picture - any other favorite photo. Exhibit may range in size from 3"x 5" to 8"x10" mounted in appropriate size cut matting (no frames) with sandwich backing. This exhibit is also open to 4-H’ers taking Unit 2 and Unit 3.

DIVISION 181: UNIT II - CONTROLLING THE IMAGE
Classes:
10. PHOTO JOURNAL: An entry will consist of a single completed and bound section of project 1, 2, 3 or 4 in the Level 2 project manual titled “Controlling the Image”.

20. LIGHTING DISPLAY OR EXHIBIT PRINT: Entry will consist of a display of three pictures of three different subjects or an exhibit print that demonstrates lighting effects.

30. COMPOSITION DISPLAY: Entry will consist of three photos illustrating three completely different views or angels of the same object.

40. COMPOSITION EXHIBIT PRINT: Entry will consist of a candid print that captures an un-posed moment and illustrates the emotion of the event.

50. ACTION DISPLAY OR EXHIBIT PRINT: Entry will consist of a display of three pictures of three different subjects or an exhibit print that captures motion and represents action in the photo.

60. NEBRASKA CAREER EXHIBIT PRINT: Explore a career as an editorial photographer. Editorial photographers take pictures that highlight the topics being written about in books, magazines, and newspapers. Editorial photos should be creative, powerful images that tell an intriguing story. Let’s tell a story about why we love our Nebraska communities. Capture editorial photos that tell a story about your Nebraska Community.

MASTERING PHOTOGRAPHY: UNIT III GUIDELINES
A. Unit III Exhibit Prints:
   ✦ All exhibit prints are 8" x 10" prints mounted in 11" x 14" (outside size) cut matting (no frames) with a sandwich mat-board backing (not foam board); rectangular or oval inside matt opening; sandwich the photograph between the backing and top matt.
   Note: Manual adjustments are strongly encouraged for Unit III Exhibits.
Personal Photo Data Tags (parts A and B) are required. Participants in Unit III must answer the following questions: 1) how was the photo taken and printed (describe equipment and software used)? 2) Describe any changes made to the picture using computer software. 3) What did you intend to capture and what do you like about this photo? 4) Describe the science of taking a photo.

Participants in Unit III, Class 40 Manual Setting Exhibit Print, in addition to the four questions above, include the following question and answer on the data tag. 5) How did you use manual settings to improve your photograph?

B. Unit III Photography Portfolio

Select ten photos from your 4-H career that represent the strongest collection of your work. Photos may have been taken at any time during the 4-H experience and may have been previously exhibited. Photos can only be used in a portfolio once.

Place photos in plastic sleeves and present them in an 8½ x 11 black or white 3 ring binder.

Personal Data Tags are required). For your portfolio complete Part A only and include this as page one of your journal.

On the first page of the portfolio include a table of contents that describes the photos in your collection and a narrative describing the overall intent for the portfolio. For example the portfolio could include a range of your work from your earlier year in 4-H photography to the present, you could have a creative theme for your portfolio or you could include photos that illustrate your diverse photography skills.

On the page prior to EACH photo include an information sheet for each photo that includes 1) Personal Data Tag Part A, 2) the photography title and 3) a paragraph describing how the photo contributes to the overall intent of your portfolio. The information sheet and the photo should create a 2 page layout so that when the portfolio is open the information sheet is the page on the left and the photo is the page on the right.

DIVISION 182: UNIT III – Mastering Photography

Classes:

10. PHOTOGRAPHY PORTFOLIO An entry will consist ten photos that represent the strongest collection of the participant’s work.

20. ADVANCED LIGHTING EXHIBIT PRINT: Entry will consist of a print that illustrates reflection.

30. PORTRAIT EXHIBIT PRINT: Entry will consist of a print that captures both physical characteristics and personality in their subjects.

40. MANUAL SETTING EXHIBIT PRINT: Entry will consist of a print that showcases the participant’s ability to master the manual settings on the camera. 1) Manual Focus, 2) Manual Aperture, 3) Manual Shutter Speed, 4) Combination of any of the listed techniques, 5) Other technique not listed. Remember to answer the additional question for this class on Part B of the data tag.
50. CHALLENGING EXHIBIT PRINT: Entry will consist of a print that illustrates a special effect: 1) Double Exposure, 2) Light Painting, 3) Flash Multiple Exposure, 4) Filters, 5) Night Time Exposure, 6) Digitally altered photos, 7) Other technique not listed.

60. NEBRASKA PHOTOGRAPHY CAREER Exhibit Print: Explore a career as a commercial photographer. Commercial photographers take pictures that are used for promotional purposes. Commercial photographs are often used in print and online communication materials (advertisements, brochures, flyers, web sites, social media banners, direct e-mail messages, etc.) Capture commercial photos that tell the story of 4-h in your Nebraska community; photos should show the Nebraska 4-H Program in action. Photos may be used to promote the UNL Extension 4-H Youth Development Program.

DEPARTMENT B—COMMUNICATIONS

CONTEST WILL BE THURSDAY, JULY 9 AT 4:00 P.M.
McLEB BUILDING AT THE FAIRGROUNDS

Classes have changed from subject matter to method of presentation. Presentations should be related to how the 4-H youth is learning about agricultural literacy, career development, citizenship and leadership, healthy living, or science/animal science, through their 4-H experience or 4-H projects. No separate class for teams. Beginners may enter the "Show & Tell" division. Youth must be 10 years old by January 1 of the current year to be eligible for State Fair.

DIVISION 151 PRESENTATION CONTEST
Purple $4.00  Blue $3.50  Red $3.00  White $2.50

Two former classes (Presentations using Audio Visual and Presentations Using Posers) have been combined to create new Illustrated Presentation Class (Class 112). A Premier Presenter will be chosen by the judge to represent Madison County at the State Fair Premier Presenter Contest.

The Multimedia Presentation Class has changed into a new 4-H FilmFest (Digital Video) Class.

Classes:
112. An Illustrated Presentation – 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. Time limit is 6-8 minutes, 8-10 minutes for a team. Live animals of any kind may be used in the presentation.

113. Premier Presenter Contest – a live presentation with 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. Time limit is 6-8 minutes, 8-10 minutes for a team. Live animals of any kind may be used in the presentation. Video Production and Teaching Presentations do not qualify for the Premier Presenter Contest.
114. Teaching Presentation – a live, interactive, trade show style presentation where youth will continuously engage a constantly-changing/moving audience by showing and telling them how to do something while answering questions. Judge will occasionally stop to view presentation, ask questions, and observe audience engagement. Live animals of any kind may be used in the presentation. Time limit: 30 minutes individual and team.

115. Digital Videos – films display the recording, reproducing, and broadcasting of moving visual images. Youth provide a one-minute oral introduction (name, background/goal of presentation, intended audience, where presentation could be shared, etc.) followed by the showing of their Digital Video. Videos may include photos, clip art, animation, text, and/or audio/sound. The following Digital Videos may be entered:
   ♦ Video Public Service Announcement: communicates an educational message focused on a cause, activity, or event (Length: 60 seconds)
   ♦ Narrative: tells a fact or fiction story (Length: 3 - 5 minutes)
   ♦ Documentary: Presents factual information about a person, event, or process (Length: 3 - 5 minutes)
   ♦ Animation: Created by techniques that simulate movement from individual images (Length: 3 – 5 minutes)

*901. Show and Tell competition for first & second year 4-H members (no charts required)

**DIVISION 153. - EXPRESS YOURSELF**

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*Level 1: PICKING UP THE PIECES (Not Eligible for State Fair)*

Classes:

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

*913. Now Hear This – digitally record (using audio and/or video) yourself reading a children’s book. Give the digital recording to a younger person in your community and watch them listen/view the recording of the book. Create an exhibit that displays the digital recording a summary of what you learned by watching the child listen/view your recording and other ways you can use communication skills to help young children.

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

*915. Caring Correspondence. Create a formal or an informal letter, email, or note that shows how much you care, such as a letter of appreciation, a thank you note, or a friendship care.
Level 2: PUTTING IT TOGETHER

For each class create an education exhibit (a poster 14” x 22”), an essay (3-5 pages), a video (1-3 minutes), or a small display of educational nature that displays the information requested.

Classes:
1. Me as Mentor – Serve as a mentor for a younger person in your family, school, church, club, library, or community. Keep an Activity Log of what you and your mentee do together and how you communicate. Create an exhibit that includes the Activity Log, your thoughts about the relationship you have developed with the young person, and how you plan to support him/her in the future.

2. 4-H Community Service Press Release – Write and distribute a press release about a recent or upcoming community service project completed by you or your 4-H club to your local media (newspaper, radio station, community newsletter, etc.) Create an exhibit that includes the press release, an example of how the media distributed the information in the press release, a summary about your experiences in writing and distributing the press release, and how you can use press releases to share information about future community service projects.

Level 3: THE PERFECT FIT

3. My Political Platform – Select a 4-H, school, or community office that is of interest to you. Research the responsibilities related to the office and determine what public issues and needs are currently being addressed. Use this information to help you outline a possible platform if you were to run for the office. Create an exhibit that shares what you found through your research, the possible platform you would use, why you chose the issues that are focused on in your platform, and how you would share this platform with voters.

4. Current Event Interview. Select a current event in your community, county, state, or country. Select five people who are different from each other (age, gender, nationality, economic standing, etc.) and interview them about their thoughts, reactions, and opinions toward the current event. Create an exhibit that describes the similarities and differences of their views about the current event; also share what you learned by completing the interviews.

5. Career Exploration Essay. Complete a career exploration experience (job shadowing, interview, mentor experience, etc.) for a potential career field that is of interest to you. Create an exhibit that displays what you learned, the skills required for the career, the type of demand there is for the career, and how you could prepare yourself to someday find a career in this field.

6. Non-Profit Advertisement Design – Locate a non-profit organization in your community. Interview those who work, volunteer, and use the service of the organization to learn what they would like others to know about the organization. Design an advertisement tool (flyer, brochure, poster, video, display, web page etc.) that can be used by the organization, and how it will relate to those who view it.
THE CONTEST WILL BE MONDAY, APRIL 13, 2015 AT 6:30 P.M. AT THE LIFELONG LEARNING CENTER, NORFOLK

DIVISION 900
Purple $4.00  Blue $3.50  Red $2.00  White $1.50

900. Clover Kids - Ages 5 to 7 (reading a poem, story or speech)
901. Novice - Ages 10 and under (never given a speech before) (under 3 minutes)
902. Junior Division – Ages 8 to 10 as of January 1 of current year (under 3 minutes) (relating to 4-H)
903. Intermediate Division – Ages 11 to 12 as of January 1 of current year (3 to 5 minutes) (relating to 4-H)
904. Senior Division – Ages 13 to 18 as of January 1 of current year (5 to 8 minutes) (relating to 4-H)
905. Public Service Announcement - must be 60 seconds. All PSA’s must use the theme “4-H Grows” and include the tag line: “Learn more about the University of Nebraska-Lincoln Extension 4-H Youth Development Program at 4h.unl.edu”. Include the tag line in the last ten seconds of the PSA as it is included in the 60 second total time limit. PSA’s must be submitted on CD or electronically along with the PSA text. Please use .wav or .mp3 audio formats when recording your PSA.

NO costumes, props, posters, etc. will be allowed. Note cards are acceptable.

DEPARTMENT C—CONSUMER & FAMILY SCIENCE

EXHIBITS WILL BE INTERVIEW JUDGED SATURDAY, JUNE 27 AT THE FAIRGROUNDS

Limit of three entries per individual in each project - one exhibit per entry number.

HUMAN DEVELOPMENT
Purple $ 3.00  Blue $2.50  Red $2.00  White $1.00

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

Classes 1 - 4 must be made by the 4-H member and relate to one or more of the signature outcome areas. Purchased items are not acceptable for this exhibit. Games must include instructions for playing the game. Possible purchased parts are acceptable such as dice for a grade school student to play a game, but the significant part of the exhibit must be MADE by the
4-H member. Not acceptable: items for display in child’s room (which is a home environment item), container but not the contents made by the 4-H member, or group of items assembled for a purpose but not made by the 4-H member.

Information sheets for Classes 1 – 4 should include: 1) Where did I get the idea for this exhibit? 2) What decisions did I make to make sure exhibit is safe for child to use? 3) What are children this age like? Give two examples that help in understanding the appropriateness of this exhibit for the age of the child (see project manuals). 4) What can the child learn from this exhibit as it pertains to the outcome area, or how does it promote growth and development as it pertains to the outcome area?

Information sheet for Class 6 should include: 1) What are children this age like? Give two examples to show how the kit would be appropriate for children this age. 2) What will the child learn or what skills will they gain by using the kit? 3) What item(s) were made by the 4-H’er. The 4-H’er should make one or more items in the kit, but purchased items are also allowed.

DIVISION 200

As you consider your exhibits for these classes, remember that you MUST be trying to teach the child about something related to one or more of the outcome areas: Career development, agricultural literacy, science, leadership/citizenship and healthy lifestyles.

This could be a game that teaches about healthy eating (healthy lifestyles), an activity that teaches about being a farmer (Careers/agricultural literacy) or a toy bug that relates to science. Be creative.

4-H’ers taking I HAVE WHAT IT TAKES TO BE A BABYSITTER may enter:

Classes:
1. The Infant: Homemade toy, game or activity made for baby that teaches them about one or more of the outcome areas. (birth - 18 months)

2. The Toddler: Homemade toy, game or activity made for toddler that teaches them about one or more of the outcome areas (18 months - 3 years)

3. The Preschooler: Homemade toy, game or activity made for preschooler that teaches them about one or more of the outcome areas (3 - 5 years)

4. Middle Childhood: Toy, game or activity made for grade school student that teaches them about one or more of the outcome areas (6-9 years)

Classes 5-9 do not have to relate to an outcome area.

5. Activity with a Younger Child - Poster or scrapbook showing 4-H member 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 member can be in the photos. 4-H member must make scrapbook or poster. No information sheet needed for Class 5.
6. Babysitting Kit - State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for. Purpose of kit is for the 4-H member to take with them when they go to someone’s home to babysit (do not make kit for combination of ages or for your own family to use). See “The Sitter” manual for appropriate items to include. Display in a suitable box or bag. Size no larger than 12” x 15” x 10”. All items in kit must be safe for child to handle.

Information sheet for Class 6 should include 1) What are children this age like? Give 2 examples that show how the kit would be appropriate for children this age. 2) What will the child learn or what skills will they gain by using the kit. 3) What item(s) was/were made by the 4-H member? The 4-H member should make one or more items in the kit, but purchased items are also allowed. Most importantly the kit should serve a defined purpose, not just be a catch all for several items.

4-H’ers taking GROWING ALL TOGETHER (CD 2, 3) may enter:


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

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

ALL CLOTHING, KNITTING, AND CROCHETING EXHIBITS WILL BE INTERVIEW JUDGED AT THE FAIRGROUNDS ON SATURDAY, JUNE 27.

Each individual is limited to two exhibits in clothing construction. They may also have two exhibits in knitting and two exhibits in crocheting.

IDENTIFICATION LABELS - Each item entered as a clothing exhibit must have a label attached to the back neckline or back waist band of the garment stating: county, exhibitor's name and age, project name and class in which garment is entered, and number of years enrolled in project in which exhibiting. Attach label using safety pins or baste.

4-H’ers are encouraged to attach permanent care label to all garments. Ask for them when the fabric is purchased.

**Bring garments on wire hangers.** Do not use wooden or fancy hangers (they may get lost). If more than one hanger is used for an entry, fasten the hangers together with twist ties. Garments as listed may be made for self (4-H member) or another person. 4-H’ers enrolled in clothing projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit a lower level. Ex. Once you exhibit in STEAM Clothing 2, you are not eligible to exhibit in STEAM Clothing 1.

**DIVISION 221 – BEYOND THE NEEDLE**

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4-H members must show their own original creativity.

Classes:

1. Design Portfolio – Complete at least three different samples / activities from the project manual. The Portfolio should be placed in an 8 ½ x 11 three-ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated.) See pages 14-16 for portfolio formatting.

2. Color Wheel – Create your own color wheel, complimentary color bar or color scheme using pages 27-39 in the project manual. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22” by 30”.

3. Embellished Garment with Original Design – Create a garment using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-H’er using the elements and principles of design to make an original statement.

4. Original Designed Fabric Yardage – Fabric yardage is designed using techniques such as those found in the manual. Other embellishments may be added. Exhibit consists of at least one yard of finished fabric. Include information on how the fabric was designed – describe the process and materials used. If additional information is not included, exhibit will be lowered one ribbon placing.
5. Garment Constructed from Original Designed Fabric – Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added. Include information on how the fabric was designed – describe the process and materials used. If additional information is not included, exhibit will be lowered one ribbon placing.

6. Textile Arts Garment or Accessory – 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.

*DIVISION 901  SEWING FOR FUN*

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A limit of three entries per exhibitor. Please use directions in the Sewing For Fun manual.

Classes:

*901. Needle book and Pincushions
*902. Bags (tote, laundry, everything sleeping)
*903. Pillows (straight, square, diagonal, patchwork)
*904. Pillowcase
*905. Envelope back pillow
*906. Rail Fence Pillow

*DIVISION 902 – CLOTHING UNIT 1*

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4-H members who have enrolled in or completed advanced sewing projects are not eligible. The entry is a single garment, either a top or bottom. Construction skills need to reflect the learning from the Clothing Construction Skills checklist in the manual.

Fabric choice - firm, medium-weight, woven fabric. Inseam or patch pockets and lined simple vests are acceptable. Not Accepted - plaids and striped fabric, patterns with collars, set-in sleeves, waistbands, and / or zipper.

Classes:

*908. Simple Top
*909. Simple Bottom
*910. Other item

*DIVISION 222 – STEAM CLOTHING UNIT 2 – SIMPLY SEWING*

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Exhibits entered in this project must reflect skills learned from this manual including skills previously learned. Garments listed below may be from any woven or knit fabric appropriate to the garment’s design and should demonstrate sewing skills beyond STEAM Clothing 1.
Classes:
1. Clothing Portfolio – Complete at least six different samples / activities from Chapter 2 OR Chapter 3 of the project manual. The Portfolio should be placed in an 8 1/2 x 11, 3-ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated.) See pages 9-11 for portfolio formatting.

2. Expanded Textile Science Scrapbook – Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 1/2 x 11, 3-ring binder. Include an appropriate cover. See project manual for fabric suggestions.

3. Design Basics, Understanding Design Principles – 4-H members enrolled in STEAM Clothing 2 may enter an exhibit sharing a learning experience from pages 17-20 in the project manual. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22” by 30”.

4. Pressing Matters – 4-H members enrolled in STEAM Clothing 2 may enter a ham or sleeve roll from pages 21-25 “A Pressing Matter” in the project manual. Exhibit should include answers to lesson questions that are most appropriate to include.

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

6. Upcycled Garment – Create a garment from used textile based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.

7. Upcycled Clothing Accessory – A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.

8. Textile Clothing Accessory – Textile accessory is constructed using at least one skill learned in this project. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper, or rubber base items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

9. Top (vest acceptable)
10. Bottom (pants or shorts)
11. Skirt
12. Unlined jacket
13. Dress (not formal wear)
14. Romper or Jumpsuit
15. Two-piece Outfit

29
DIVISION 223 – STEAM CLOTHING UNIT 3 – A STITCH FURTHER
Purple $4.00  Blue $3.50  Red $3.00  White $2.00

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

Classes:
1. Clothing Portfolio – Complete at least six different samples / activities from Chapter 2, Chapter 3, and Chapter 4 of the project manual. The Portfolio should be placed in an 8 1/2 x 11, 3-ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated.) See pages 11-13 for portfolio formatting.

2. Expanded Textile Science Scrapbook – Must include at least ten different textile samples. Use Textile Information Cards template on page 39 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 1/2 x 11, 3-ring binder. Include an appropriate cover. See project manual for fabric suggestions.

3. Advanced Entrepreneurial Sewing – Using lessons learned in Chapter 5 of the manual, display one sample product with a business plan that includes a business ID and logo. The Exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22” by 30”.

4. Upcycled Garment – Create a garment from used textile based items. The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.

5. Upcycled Clothing Accessory – A wearable accessory made from a used item. The item used must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in this project. A “before” picture and a description of the redesign process must accompany the entry.

6. Textile Clothing Accessory – Textile accessory is constructed using at least one skill learned in this project. Entry examples include: hats, bags, scarves, gloves. No metal, plastic, paper, or rubber band items allowed (i.e. barrettes, headbands, flip flops, duct tape, etc.)

7. Dress or Formal
8. Skirted Combination (skirt with shirt, vest or jacket OR jumper and shirt)
9. Pants or Shorts Combination (pants or shorts with shirt, vest or jacket)
10. Romper or Jumpsuit
11. Specialty Wear (includes swim wear, costumes, hunting gear, or chaps)
12. Unlined Jacket (non-tailored)
13. Cost, Blazer, Suit Jacket, or Outerwear Coat – 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.
Criteria for judging knitting and crochet: Design and Color, Neatness, Knitting Mechanics or Crochet Mechanics, Trimmings, and Construction Finishes.

**DIVISION 225 - LEARN TO KNIT**

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Each entry must include the following information:  
A) 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)  
B) What steps did you take as you worked toward your goal(s)?  
C) What were the most important things you learned as you worked toward your goal(s)?  
D) Gauge-Number of rows per inch; number of stitches per inch.  
E) Size of needles.  
F) Kind of yarn - weight and fiber content.  
G) Name of stitches used.  
H) Copy of directions.

Classes:  
5. Level 2 - Knitted Clothing or Home Environment Item - Knitted item or garment using pattern stitches such as diamond, block, twist or seed/moss stitches.

15. Level 3 - Knitted Clothing or Home Environment Item - Knitted item or garment made from advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, Tamera, plait, Germaine, feather and fan or knitting with one or more patterns, such as Aran or Fair Isle.

*915. Item knitted with a knifty knitter

**DIVISION 226 - CROCHETING**

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Each entry must include the following information:  
A) 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)  
B) What steps did you take as you worked toward your goal(s)?  
C) What were the most important things you learned as you worked toward your goal(s)?  
D) Gauge and size of hook.  
E) Kind of yarn - weight and fiber content or other materials used.  
G) Name of stitches used.  
H) Copy of directions.

Classes:  
5. Level 2 - Crocheted Clothing or Home Environment Item - crocheted item or garment using pattern stitches such as texture, shell, cluster or mesh stitches.

15. Level 3 - Crocheted Clothing or Home Environment Item - crocheted item or garment using advanced crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches.
DIVISION 240 - SHOPPING IN STYLE (Age: 10 and over)

Purple $3.00    Blue $2.50    Red $2.00    White $1.00

Posters should be on 14” x 22” poster board. Three-ring binders should be 8 ½” x 11” x 1”.
Videos should be less than 5 minutes in length and be able to be played on a PC using Window Media Player, Real Player, or QuickTime Player.

Classes:
1. **Best Buy for Your Buck** - Provide details of the best buy you made for your buck this year. Consider building the ultimate wardrobe by adding to this entry each year by dividing it into Year 1, Year 2, Year 3, etc. Put the story in a binder or video.
   - Ages 10-13 Provide details about wardrobe inventory which indicates why you selected the garment you did, clothing budget, and cost of garment. Provide 3 color photos of you wearing the garment (front, side, back views).
   - Ages 14-19 Provide details listed for those ages 10-13 plus include body shape discussion, construction quality details, design features that affected your selection, cost per wearing, and care of garment. Provide 3 color photos of you wearing the garment (front, side, back views).

2. **Revive Your Wardrobe** - Take at least 2 items in your wardrobe that still fits but that you don’t wear anymore and pair them with something new 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.

3. **What should I wear?** - You have landed a job interview at the local fast food place. Use photos from magazines or actual photos of what might be appropriate for you to wear to the interview. Also show some items that might not be appropriate. Include written reasons for each item. Look for reasoning in the 4-H project manual under topics such as First Impressions (p. 10-11), Lines (p. 24-27), Body Shape (p. 18-21), or others. Entry can be a poster, binder, or video.

4. **Show Me Your Colors** - Select 6-8 color photos of you wearing different colors. Half should be what you consider to be good personal color choices and half should be poor personal color choices. Write a brief explanation with each photo describing your selections. Refer to the manual page 23 for more information. Entry should be a poster.

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

6. **Mix, Match, & Multiply** - Using this concept from page 32 of the manual take at least 5 pieces of clothing and create new outfits. Use imagination to show various looks (i.e. on a clothesline, tree, 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.
7. Teen Fashion Trend Photo Collage - Using the activity on page 13 of the manual, create a fashion trend photo collage. Be sure and include answers to the six questions on the top half of the page in the manual on the front of the collage to demonstrate what you learned. Entry should be on a poster.

DIVISION 247 - MONEY FUN-DAMENTALS

Entries shall be posters or notebooks. Poster size shall be 14” x 22”. Notebooks must be 3-ring binders 8 ½” x 11” x 1”.

Classes:
1. Comparison Shopping, Page 9 - considering the differences between your needs and wants on Page 6-9 in manual do comparison shopping for school supplies; or purchasing a video, going to the movies, or movie rental.


3. Educational Exhibit, Page 26 & 27 - Show what you have learned or done in this project through a poster, notebook, or other creative display.

DIVISION 248 - MONEY MOVES

Classes:
1. Comparison Chart, Page 23 - Using the comparison chart on Page 23 of the manual do a comparison of financial institutions such as bank, savings and loans, credit unions or other financial institutions on the Web or in your community.


3. Web-based Financial Game, Use your creativity to share the results of one of these web based financial games at consumerjungle.com, or Allowance Game -can be downloaded for free at: http://www.extension.iastate.edu/Publications/PM1776.pdf

4. Champion’s Challenge, Using a calculator on the web (see possible sites on page 14) completes the calculations for number 2 in the Champion’s Challenge on page 14. Write a paragraph to show your findings and include a printout of the calculations done on the web which show month, monthly payment, remaining amount owed each month, principal paid, interest paid and cumulative interest paid (i.e. repayment schedule.)

*DIVISION 906 - MAKING CENTS OF IT (County ONLY Project)

*902. Read the story listed on page 8 and draw and label on an 8 1/2” x 11” sheet at least 5 different objects used as money before coins and paper currency were made.
*903. Make a wants/needs poster (11” X 17”) using the information on page 16 of the manual.
*904. Make a decorated bank (see page 28 of the manual).
DEPARTMENT C—FASHION SHOW

JUDGING FOR MODELING WILL TAKE PLACE SATURDAY, JUNE 27 FROM 8 A.M. TO 12:30 P.M. AT THE FAIRGROUNDS

PUBLIC FASHION SHOW WILL BE HELD THAT AFTERNOON AT 2:00 P.M. IN THE COMMERCIAL BUILDING

Advanced registration should be submitted to the County Extension Office by MONDAY, JUNE 15 to be eligible for the contest. An information sheet must accompany the registration.

Girls and boys enrolled in 4-H sewing projects will be eligible to compete in the 4-H Fashion Revue Contest. 4-H members in Sewing for Fun and STEAM Clothing Level I are limited to one style revue entry. Other exhibitors may model up to two entries as long as judging time permits.

Outfits that are decorated by members, as opposed to constructed, are eligible for a participation class and may be modeled. Participation ribbons will be awarded, as well as a $1.00 premium.

DIVISION 410

Purple $3.00    Blue $2.50    Red $2.00    White $1.00

*SEWING FOR FUN

*901. A Member may carry any of the projects made such as bag, pillow, etc. A participation ribbon and $1.00 premium will be given to those 4-H Members participating in the public fashion revue.

*CLOTHING LEVEL I

*902. Simple top
*903. Simple Bottom
*904. Other item of clothing

BEYOND THE NEEDLE

10. Model Embellished Garments with an Original Design - Garment is created using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-H’er using the elements and principles of design to make an original statement.

20. Modeled Textile Arts Garment(s) – Garment is constructed using new and unconventional materials. Examples: rubber bands, plastic, duct tape.
CONSTRUCTED STEAM CLOTHING UNIT 2
A purchased top can be worn to complete a skirt, pants, or shorts outfit with a vest or unlined jacket. 4-H members who have enrolled in or who have completed STEAM projects are not eligible to enter STEAM 2. Nightshirts, flannel lounging pants, or any other type of loungewear can NOT be modeled.

30. STEAM Unit 2 Garment(s) – Dress; Romper or Jumpsuit; OR Two-piece Outfit (skirt with shirt, vest, or jacket); Jumper and Shirt; Pants or Shorts Outfit (pants or shorts with shirt, vest, or unlined jacket).

CONSTRUCTED STEAM CLOTHING UNIT 3
A purchased top can be worn to complete a vest or jacket outfit with a skirt, pants, or shorts. Nightwear or loungewear can NOT be modeled.

40. STEAM Unit 3 Garment(s) – Dress or formal; Skirt Outfit (skirt with shirt, vest, or jacket OR jumper and shirt); Pants or Shorts Outfit (pants or shorts with shirt, vest, or jacket); Romper or Jumpsuit; Specialty Wear (swim wear, costumes, western wear-chaps, chinks, or riding attire); OR Jacket (non-tailored). Tailored Blazer, Suit Jacket, or Coat. Additional pieces with blazer, jacket or coat may be either constructed or purchased.

MODELED KNITTED OR CROCHETED CLOTHING (Level 2 or 3)
Garment needs to be a complete outfit as in a dress, coat, or two piece ensemble (bottom and top).

50. Knitted garment using pattern stitches such as diamond, block, twist or seed/moss stitches or advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle. Crocheted garment using pattern stitches such as texture, shell, cluster or mesh stitches or advanced crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches.

DIVISION 425 - SHOPPING IN STYLE (Age: 10 and over)

60. 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.

*DIVISION 908

*910. Upcycled Garment – Model an article of clothing made from a used item.
DEPARTMENT C—HOME ENVIRONMENT

ALL HOME ENVIRONMENT EXHIBITS WILL BE JUDGED BY INTERVIEW METHOD ON SATURDAY, JUNE 27 AT THE FAIRGROUNDS

Limit of three exhibits for each project. Only one entry per entry number. Four entries allowed in Design Decisions. Any card or items composing the exhibit must be labeled with exhibitor's name, county, etc.

✦ All Home Environment entries must be items designed to be used for home decorating, home furnishings or home management (no clothing, purse, note cards, scrapbooks/photo albums, etc.).
✦ Accessories should be of high quality (as compared to quick simple crafts) suitable for use in the home several months throughout the year.
✦ Items should show creativity and originality, along with the application of design principles and elements. Ask yourself: How have I shown creativity and applied the design principles and elements in this accessory? Youth are required to include this information.
✦ What medium is the majority of your accessory made from? What was changed or manipulated?
✦ Items should be ready for display: pictures framed, wall hangings ready to hang. Make sure hangers are strong enough to support the item. No single mat board or artist canvas panels.
✦ Items should not be ones made for another project (ex. Simple (10 minute) table runners or woodworking). Exhibits from the beginning level, Design My place, are county only and not state fair eligible.
✦ Supporting information is required for all Home Environment exhibits.

*DIVISION 251 - DESIGN MY PLACE (County Fair ONLY Project)  
Purple $3.50  Blue $3.00  Red $2.50  White $1.50

Classes:
*901. Needlework Accessory (made with yarn or floss)
*902. Simple Fabric Accessory (pillow, laundry bag, pillow case, table runner, etc.)
*903. Accessory made with original batik or tie dye
*904. Simple Accessory Made by 4-H’er’ using wood, plastic, glass, clay, or paper
*905. Storage item made or recycled
*906. Bulletin or message board
*907. Metal Tooling or Metal Punch Accessory
*908. Problem Solved: Use creative method to show how you solved a problem (air quality, water, sound, temperature, lighting, fire escape plan, etc.)
*910. Video showing how to make a bed or organize a room.
*911. Other accessory related to home decorating / design

Prairie Fibers Weavers & Spinners are giving $10.00 cash award for the best 4-H Weaving project.
DIVISION 257 - DESIGN DECISIONS
Purple $3.50  Blue $3.00  Red $2.50  White $1.50

Limit of four exhibits in Design Decisions project. Limit of one entry per entry number.

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

Classes:
1. Design board for a room. Include: color scheme, wall treatment, floor treatment, etc. or Floor Plan for a Room. Posters (22"x28") or multi-media presentation (on CD) Show what you learned with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc.

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

3. Solar, wind, or other energy alternatives for the home – Can be models, either an original creation or an adaption of kit. If kit, label and explain what was learned and how the item could be used in or on exterior of home.

4. Science experiment – Using illustrations or models, illustrate a science experiment related to home environment. Examples: compare energy use such as types of lighting for homes, water efficient processes or products, sun or landscaping to heat or cool homes.

5. Community Service Activity – Show what was done as a community service activity related to this project. In a notebook, photo story, or poster, show the purpose and results of that activity. Ex: painting a mural at a daycare or 4-H building, helping an elderly person paint or clean their home, etc. May be an individual or club activity. Non-competitive. Special recognition certificates will be awarded to participants.

6. Window Covering – May include curtains, draperies, shades, shutters, etc.

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

8. Bedcover - May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the quilting. (No tied fleece blankets.) (p. 50-53)


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

11. Accessory – Textile – 3D (pillows, pillow shams, fabric bowls, etc.)
12. Accessory – 3D (string art, etc.)

13. Accessory – Original Floral Design

For classes 14 - 17, determine entry by what medium was manipulated.

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

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

16. Accessory – Original made from Metal – cut, shape, punch, sculpt, reassemble, or otherwise manipulate

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

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

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

20. Furniture – Wood Opaque finish such as paint or enamel.


22. Furniture – Fabric Covered - May include stool, chair seat, slip-covers, headboard, etc.

23. Furniture – Outdoor living – Accessory made/refurbished suitable for outdoor use. Include description of what was done to recycle/reuse item in your attached information.

24. Accessory – Outdoor Living – Accessory made/refurbished by 4-H member suitable for outdoor use. Include description of what was done to recycle or reuse item in your attached information.

**DIVISION 260 - SKETCHBOOK CROSSROADS**

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Use technique from manual or comparable techniques. Attach information to explain steps taken. Information must also include element or principle of design used. (p. 8-9)

Classes:
1. Original pencil or chalk drawing framed and ready to hang. Scratch art accepted here. (p. 10-21)
2. Original ink drawing framed and ready to hang. (p. 22 - 28)
3. Home accessory made with fiber (p. 29)
4. Home accessory made with felted wool (p.29-33)
5. Home accessory made with cotton linter (p. 34-36)
6. Home accessory using batik (p. 37-39)
7. Home accessory made by weaving (p. 40-47)
8. Home accessory made with fabric exhibitor has dyed (p. 48-50)
9. Home accessory using quilt design from another culture. Exhibit should include description of culture and history of design (p. 51-52)
10. Original sculpted home accessory made with clay; no purchased pots (p. 53-62)
11. Recycle: home accessory made with boxes or sculpted cardboard (p. 63-66)
12. Home accessory carved from Plaster of Paris (p. 69-70)

**Division 261 - PORTFOLIO PATHWAYS**

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Use technique from manual or comparable techniques. Attach information to explain steps taken. Information must also include element or principle of design used. (p. 8-9)

Classes:
1. Original acrylic painting based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 12-13)
2. Original oil painting based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 26-33)
3. Original watercolor based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 14-17)
4. Original sand painting based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 20-21)
5. Original encaustic painting based on techniques learned in Unit I of Portfolio Pathways, framed and ready to hang. (p. 34-35)
6. Home accessory made with any printing technique in Pathways Unit II. (p. 36-56)

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

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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. Attach information including:

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

Note: New resources to support this project area are on the 4-H website.
Classes:
1. Trunks - including doll-sized trunks or wardrobes.
2. An Article - either a repurposed "treasure" (accessory) from an old item or an old "treasure" (accessory) refinished or renovated. May include a display of a collection or collectibles, being careful not to destroy value of the collection.
3. Furniture - either a repurposed "treasure" from an old item or an old "treasure" refinished or renovated. May include doll-sized furniture.
4. Cleaned and Restored Heirloom Accessory or old Furniture - a reconditioned and cleaned old piece of furniture or accessory so that the item or furniture is functional for use or display. Item might be cleaned and waxed, and simple repairs made. Item would not have to be refinished or repainted, but reconditioned to restore it to its original look or to prevent it from further damage as a valuable heirloom. 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. (Refinished items go in classes 2-3)
Item or article should be of complexity suited to an advanced project.

DIVISION 229 - QUILT QUEST

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

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

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

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

Jelly Rolls are made of (up to) 40 different strips of 2 ½” wide fabric laying on top of one another and rolled up to look like a jelly roll. The fabric is created by one designer or fabric line and compliments each other. In many cases, less skilled 4-H’ers 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.
✦ 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-H’er 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 appliqued to fabric. This is allowed in the construction of the quilt.

A quilted exhibit is made up of at least three layers. Quilts or quilted items must be quilted or tied through all layers. No fleece blankets, please.

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

Classes:
10. Exploring Quilts - Illustrate some aspect of quilts or quilt making. Examples include, but are not limited to, language arts, quilts of different cultures, chemistry, design, preservation, history, construction, math conversion of quilt patterns, textiles/fabrics, computerization, and entrepreneurship. History may include history of an old quilt or history/research of a particular style of quilt (such as Baltimore album quilts, or Amish quilts.) Exhibits may be a 14”x22” 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.

20. Quilt Designs Other than Fabric - two or three dimensional item with quilt design made using medium other than fabric such as wooden quilt block, stained glass, paper, etc.

30. Computer Exploration - Notebook or poster with a minimum of six computer generated quilt designs or color variations on a quilt design. Include information of 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.

40. Wearable art - Quilted clothing or accessory which must have a recognizable amount ofquilting and may include fabric manipulation. Quilting must be done by 4-H member. On a half sheet of 8 ½ x 11 inch paper, tell how you selected the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.
41. Inter-Generational Quilt - a quilt made by a 4-H member and family members or friends of different generation. On a half-sheet of 8 ½ x 11 inch paper, include an explanation answering the following questions: A) How was the quilt planned and who did what in the construction of the quilt? B) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.?

42. Service Project Quilt - A quilt constructed by a 4-H member or group to be donated to a worthy cause. On a half sheet of 8 ½ x 11 inch paper, include an explanation answering the following questions: A) Why was the quilt constructed and who will receive the donated quilt? B) How did you select the design and fabrics used including whether or not you used a kit, jelly roll, charm squares, etc.? C) What did you do and what was done by others?

*901. Quilted Accessories. Examples include table runners, place mats, play mats, toy, and soft sculpture. This class does not include wall hangings. May be 2 or 3 dimensional.

**Guidelines for Classes 50-83 exhibits:**
Please note the description of classes. They denote degree of difficulty in construction and not the number of years in the project.

All quilted exhibits must be clean and finished for intended purpose. A quilted exhibit consists of 3 or more layers. All quilted exhibits must be quilted (machine or hand), or tied. All quilt piecing and finishing must be the sole work of the current 4-H member. Quilting, whether machine or hand quilted, may be done by another individual except for the premier quilt class. No pre-quilted fabric may be used. Wall quilts must have a hanging sleeve on the back of the quilt, or some method for hanging. All quilted exhibits must have a permanent label on the back in the bottom right corner with quilters name and date of completion.

On a half sheet of 8 ½ x 11 inch paper, include an explanation answering the following questions: A) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? B) What did you do and what was done by others? C) What did you learn that you can use on your next project?

Indicate size (a, b, or c) with each entry number. Quilt sizes:
- a. small - maximum length + width = 60"
  This class 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
- b. Medium - maximum length + width = from 61" to 120"
- c. Large - length + width over 120"

Level 1 Quilted Exhibit - Pieced quilts are made of squares and/or rectangles. Attach card.

50. Small
51. Medium
52. Large
Level II Quilted Exhibit - In addition to squares or rectangles, quilts may have triangles, and/or may be embroidered. Attach card.

60. Small  
61. Medium  
62. Large

Level III Quilted Exhibit - 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, or other non-traditional styles. Attach card.

70. Small  
71. Medium  
72. Large

Premiere Quilt - Entire quilt is the sole work of the 4-H member, including quilting (hand or machine). No tied quilts in this class.

80. Hand quilted  
81. Sewing machine quilted  
82. Long arm quilted - non computerized/hand guided  
83. Long arm quilted - computerized

DEPARTMENT C—CONSERVATION & WILDLIFE

ALL CONSERVATION AND WILDLIFE EXHIBITS WILL BE JUDGED INTERVIEW METHOD ON SATURDAY, JUNE 27 AT THE FAIRGROUNDS

WILDLIFE  
Purple $3.00  Blue $2.50  Red $2.00  White $1.50

All exhibitors are encouraged to show evidence of their personal field experiences, study, or observations that relate to their exhibit. This helps judges understand what the 4-H member did and learned in the process that led to the exhibit. Exhibits should be as self-explanatory as possible so that all viewers understand the educational points or what the exhibit is all about. Written explanations should be short but clear and complete so the viewer can quickly and easily understand the message and purpose of display. 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. The word "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. Mount all board exhibits on 1/4" or 3/8” thick plywood, Masonite, or similar panel 24" high by 24” wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 by
28 inches) but half size, 22 by 14 inches is recommended. Avoid cardboard panels because they blow over during display. Each exhibitor is limited to a total of four exhibits, each in a different classes.

DIVISION 340 - Wildlife and How they Live (Classes 1-4)

Classes:
1. Mammal Display
2. Bird Display
3. Fish Display
4. REPTILE OR AMPHIBIAN DISPLAY

Classes 1-4 are board or poster exhibit - Display may show any aspect of wildlife, wildlife habitat, or related conservation, restoration, or management. Examples: Life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife study methods; wildlife behavior (ex. when nesting, finding food, moving, etc.) habitats (ex. grasslands, wetlands, river or stream corridors) and what wildlife is found there; habitat needs for a specific kind of wildlife.

5. WILDLIFE CONNECTIONS

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

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

6. WILDLIFE TRACKS

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

✦ Option 1 should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal.
✦ 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.
7. 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. Ex: prepare a list of animals and questions about where each would most likely live. Rabbits--brushy areas along field borders; ducks--marshes, etc.

8. WILDLIFE HABITAT DIORAMA

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

9. WILDLIFE ESSAY

Learn how to share education 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 (commercial value, game value, genetic value, aesthetic value, ecological value, scientific value). 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 should be between 100 and 1000 words long and should be computer generated, double spaced, or written so that it can be easily read. Standard size paper (8 ½ x 11) format is preferred. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them.

10. WILDLIFE VALUES SCRAPBOOK

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

11. WILDLIFE ARTS

The purpose of the class is to allow artistic exhibits that contain educational information about conservation and wildlife. Ex: might include paintings, photographs, wood carvings, or 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". Ex: 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 purpose or message (what exhibit is meant to show).

**DIVISION 342 - WILDLIFE HABITAT**

Classes:

1. HOUSES
   Make a house for wildlife - Ex. Bird houses (wren, bluebird, purple martin, wood duck,
kestrel, barn owl, etc.) or bat house/no insect houses. Make the house functional so that dimensions, hole size, etc. are appropriate to fit the intended species’ needs. Include the following information:
1) The kinds of animals for which the house is intended, 2) Where and how the house should be located for best use and 3) Any seasonal maintenance needed.
Tip: check NebGuide on bird houses and shelves.

2. FEEDERS/WATERS
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 and 2) How it should be maintained.
Tip: check NebGuide on feeding birds

3. WILDLIFE HABITAT DESIGN
Board or poster exhibit. Chose 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. For ideas, check the Wildlife Habitat Evaluation Handbook, Participant’s Manual (NE 4H4300).

DIVISION 343 - HARVESTING EQUIPMENT

Classes:
1. FISH HARVESTING EQUIPMENT
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 it is used in relation to other equipment, 3) Indicate any personal experience you have with the item(s).

2. BUILD A FISHING ROD
Build your own fishing rod for exhibit and for fishing use. Rod building blanks and kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches length. Exhibit must be mounted on a board and labeled with the member’s name, county and class. Include with the exhibit the following items as a brief attachment:
   ✦ Explanation of cost of materials/components, where materials/components were purchased, how made and number of hours required for construction.
   ✦ Identify all parts. Necessary components which must be included are grip, lines guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread.
   ✦ Exhibit will be judged on: workmanship, labeling of parts (guides, etc.), correct information, and neatness.
3. CASTING TARGET
   Make a casting target for exhibit and use, following guidelines in the Fishing For Adventure Manuals.

4. WILDLIFE HARVESTING EQUIPMENT
   Board exhibit. Display of equipment used in harvesting wildlife. Example: expended ammunition castings (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) Purpose of each item 2) When or where it is used in relation to other equipment 3) Any personal experiences you have had with the item(s).

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

DIVISION 346 - TAXIDERMY

Class:
1. TANNED HIDES OR TAXIDERMY (specimens)
   Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include in your exhibit the following information: 1) The animal's name and 2) Information about the exhibitor's personal field experiences, study or observations that relate to the exhibit.

DIVISION 347 – 4-H SHOOTING SPORTS

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

Classes:
1. 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 what it is used for.
2. 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 own design, or plans you adapted. Explain how the storage case is used.
3. 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.
4. Science, Engineering, Technology Advancements of Shooting Sports Essay or Display – Choose a specific area of shooting sports and share how it has advanced; include a timeline and photos or illustrations. Keep your topic narrow and manageable. Essays are limited to 1000 words and should be on 8 ½ by 11 paper.

5. Healthy Lifestyles Plan – Include a shooter’s diet and exercise plan, and how the 4-H member will benefit or improve from following the plan. Ideally, the 4-H member would follow the plan and include some journal entries about adaptions or improvements made while following the plan.

6. Citizenship / Leadership Project – Share a display on a citizenship project or leadership project the 4-H member took on individually or with a group to improve some aspect related to 4-H Shooting Sports. Examples could be range development, conservation planting to attract wildlife, a camp, 4-H recruitment event. Include who benefitted from the project, what the 4-H member’s role was, and any results.

8. Career Development / College Essay, Interview or Display – Research opportunities for careers related to this area or opportunities for college majors or college activities to help discover using project skills beyond a person’s 4-H career. Essays are limited to 1000 words and should be on 8 ½ by 11 paper. Interviews need to include a picture of the interviewee in their work setting, questions asked, and a transcript of answers.

9. Community Vitality Display – Explore the difference shooting sports and hunting make in keeping Nebraska vibrant, especially in rural area. Present facts and research in an interesting way for the public to learn from.

10. Ag Literacy–Value Added Agriculture Interview or Research Project – Explore how traditional ag producers are adding value to their production agriculture operations through conservation efforts, hunting, raising pheasants, shooting sports related tourism, etc. Present finding in an interesting way for the public to learn from.

DIVISION 361 - OTHER NATURAL RESOURCES

Classes:

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

DEPARTMENT D—FORESTRY

Purple $3.00  Blue $2.50  Red $2.00  White $1.50

The official reference for all forestry project s is Tree Identification Manual (4-H 332). Which was recently revised and is available for purchase from UNL Marketplace (http://marketplace.unl.edu/ne4h/tree-identification-manual-691.html)
Display "boards" must be made from wood or wood composite, i.e. plywood, fiberboard, or masonite or equivalent, 1/4" to ½" thick no larger than 24" x 24". Display boards may be coated, e.g. painted or varnished on both sides to prevent warping.

Display books must measure no more than 16" x 16".

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".

At least 5 of the 10 samples in Classes 2, 3, 4, and 5 must be from the list of 60 species described in 4-H 332. Samples must be from 10 different tree species. For example, Emerald Queen Maple and Crimson King Maple are both varieties of the same species (Norway Maple), and thus have the same genus and species name, i.e. Acer platanoides. All samples must be from trees, NO shrubs. If more than 10 samples are included in the display, only the first 10 samples from the current year will be judged.

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.

DIVISION 320

Classes:
1. 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 class. Be creative.

2. Leaf Display - The leaf display must include samples of complete leaves from at least 10 different trees species. The display must include at two samples each of simple leaves, compound leaves, and conifer leaves. Leaves should be pressed, dried and mounted.

Leaf 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.

Mounting: Leaves may be displayed in a notebook or on a display board. Any method may be used to mount the leaves, - e.g. wire, glue, tape, staple, plastic bags, but be sure all their features can be clearly identified.
**Labeling:** The label for each sample must include the:
1) common name
2) scientific name
3) leaf type
4) leaf arrangement (for broadleaf trees)
5) leaf composition (for broadleaf trees)
6) exhibitor’s name
7) collection date
8) collection location (be specific, including state and county at a minimum)

If a twig is included with a sample, indicate “twig included” on the label. For example, the twig may be included with an eastern red cedar sample because the leaves are very small and difficult to remove from the twig.

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

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

**Collection:** 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 one inch in length.

**Mounting:** Twigs must be mounted on a display board. Any method, ex. wire, glue, tape, staples, plastic bags, may be used to mount twigs, but be sure all their features can be clearly identified. The non-terminal end must be cut at a slant so the pith can be seen.

**Labeling:** The label for each sample must include:
1) common name
2) scientific name
3) leaf arrangement (for broadleaf trees)
4) exhibitor’s name
5) collection date
6) collection location (be specific, including state and county at a minimum)

Supplemental information, ex. general uses, tree characteristics, etc., may be included with the display to enhance its educational value.

4. **Seed Display** - The 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 honeylocust is enclosed in a pod. Remove and display the seed, not just the pod. It is acceptable to display the fruit with the seed, but clearly label each.
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: Labels for each sample must include:
   1) common name
   2) scientific name
   3) type of fruit, if known (example-samara, pod, nut, legume, etc.)
   4) exhibitor’s name
   5) collection date
   6) collection location (be specific-including state and county at a minimum)

Supplemental information, ex. maturity date, average number of seed in the fruit, etc., may also be included with the display to enhance its educational value.

5. Wood Display- The woods display must include wood samples from 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.

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

Labeling: The Label for each sample must include:
   1) common name
   2) scientific name
   3) wood type (softwood or hardwood)
   4) exhibitors name
   5) collection date
   6) collection location (be specific-including state and county at a minimum)

Supplemental information, ex. common products, wood density, etc., may be included with the display to enhance its educational value.

6. Cross Section - Display a disc cut from a tree species listed in 4H 332. The sample must be collected within one year of the state fair judging day. The disc must measure 6 to 12 inches in diameter and 1 to 3 inches thick. The bark should be firmly attached, which may be difficult if the tree was dead when the disc was cut. Sand at least one side of the disc so the grain can be easily seen. If the disc is treated with a clear finish, both sides must be treated to minimize warping. As the disc dries, some cracking or checking can be expected and is allowed.
**Labeling:** The following parts must be clearly and accurately labeled on the cross section with pins, paper tags, or some other form of identification.

a) pith  
b) heartwood  
c) sapwood  
d) one growth ring  
e) cambium  
f) bark

A separate label attached to the back of the disc must include:

1) common name  
2) scientific name  
3) tree classification (softwood or hardwood)  
4) age (of the cross section)  
5) exhibitor’s name  
6) collection date  
7) collection location (be specific, including state and county at a minimum)

7. Parts of a Tree: This project is only for ages 8-11.
   Prepare a poster, no larger than 24 inches x 24 inches that clearly identifies the main external parts of any tree:
   a) trunk,  b) crown,  c) Roots,  d) leaves,  e) flowers,  f) fruit,  g) buds,  h) bark

   Identifying other internal parts, e.g. phloem, xylem, cambium, annual ring, pith, etc., is optional. Attach a separate label on the back of the poster that includes the exhibitor’s name and age.

8. LIVING TREE DISPLAY: Display a living tree seedling grown by the exhibitor from seed. The seed must be a species listed in 4H332. 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, and a drain pan to catch drainage water.

   **Labeling:** A waterproof label must be attached and include:
   1) common name  
   2) scientific name  
   3) seed treatments (if any)  
   4) planting date  
   5) emergence date  
   6) exhibitor’s name

   Supplemental information about the tree, ex. -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.
Each display must be labeled with a 3" x 5" card with exhibitor’s name, address; proper variety/hybrid identification (and brand name, if applicable).

Grain exhibits are to be one gallon per sample. Grain exhibits harvested in the fall (ex. corn or soybeans) may be from previous year's 4-H crop.

Plant exhibits must be the result of the current year's work.

IMPORTANT: A two page (maximum) essay must accompany grain and plant exhibits. The essay must include the exhibitors name and address, county, plant hybrid or variety, plant population, whether crop production was irrigated or dry land, and general information including farm cropping history, soil type and weather effects. The essay also must include an economic analysis of the project, listing individual expenses and income, on a per acre basis. Other topics to discuss are the selection of variety or hybrid, impacts of tillage and conservation practices, inputs (fuel, fertilizer, irrigation, labor, pesticides, etc.), any observations made during the growing season, and what you learned from your crops project. The essay counts as 25% of the total when judged. Essay must be the original work of the individual exhibitor. Attach the essay to the entry in a clear plastic cover such that it can be read without removing it from the cover. In addition to the essay, grain and plant exhibits will be judged on condition, appearance (disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit.

DIVISION 750 - GRAIN OR PLANT EXHIBITS

Classes:
1. Corn - (include yellow, white, pop, waxy, or any other type) 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together)
2. Soybeans - 6 stalks cut at ground level and bound together
3. Oats - Sheaf of heads 2 inches in diameter at top, tie with stems about 24” long
4. Wheat - Sheaf of heads 2 inches in diameter at top tie with stems about 24” long
5. Any other crop (includes, alfalfa, millets, barley, rye, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower etc.) - Sheaf of stems 3 inches in diameter at top tied with stems cut at ground level.

Displays
A. The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28” wide by 28” tall on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor’s name, address, and county on back side. Explain pictures and graphs clearly and concisely. Consider creativity and neatness.

B. Each display must have a one page essay (minimum) explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside.
6. Crop Production Display - The purpose of this class is to allow original and creative exhibits that contain educational information about crops production aspects, such as crop scouting, alternative crops, etc.

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

8. Crop End Use Display – Display information about the uses for a crop, such as food, feed, fuel, or other products.

9. 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

10. 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.

**WEEDS SCIENCE**

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Any individual in the Conservation, Environment 1, 2, or 3, Range, Reading the Range, or Crop Production projects may exhibit a weed book or weed display. The book cover and 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).

Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements.

Books - Display one plant on the book cover (no label required on cover specimen). 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 clover. Each completed mount must have a 3” x 5” cardstock label glued flush in the lower right corner of the mounting sheet. The label (see example below) should include the following information: 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 the order that plants were collected 7) Other information depending on class selected, ex. noxious, life form. This information should be typed or printed neatly.

| Scientific name: Abutilon theophrasti Medik |
| Common name: Velvet leaf |
| County of collection: Madison County |
| Collection date: 6 September 2010 |
| Collector’s name: Dan D. Lion |
| Collection number: 3 |
| Life cycle: Annual |
DIVISION 751
1. Weed Identification Book - A collection of a minimum of 15 plant mounts and including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plumeless thistle, salt cedar, leafy spurge, purple loosestrife, diffuse knapweed, or spotted knapweed, Japanese knotweed, bohemian knotweed, or phragmites, and at least five weeds that are a problem primarily in lawns.
2. Life Span Book - a collection of 7 perennial, 1 biennial, and 7 annual weeds.
3. Weeds Display – The purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide resistant weeds, what makes a weed a weed, or uses for weeds.

Guidelines for Displays: The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 24” by 24” on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor’s name, address, and county on back side. Explain pictures and graphs clearly and concisely. Each display must have a one page essay explaining why the exhibitor chose the area of display and what they learned from their project. Include any references used. The essay should be in a clear plastic cover with the exhibitor's name outside.

DEPARTMENT E—FOOD PREPARATION & NUTRITION

ALL BAKED GOODS, POSTERS, EDUCATIONAL & FOREIGN FOOD EXHIBITS WILL BE JUDGED BY INTERVIEW METHOD ON WEDNESDAY, JULY 8 AT THE FAIRGROUNDS

Limit of one exhibit per entry number. Individuals are limited to three baked products per project plus a poster or meal planning exhibit as indicated.

All baked exhibits must include the recipe. The recipe will be for the judge only and will not remain with the exhibit during fair. Unless specially noted, you may use a recipe of your own choice. Any cards or special items accompanying an exhibit must include the exhibitor’s name and club.

In all cases, a loaf of bread or whole cake must be exhibited or four individual products (rolls, cookies). Please limit exhibits to products which hold up well. Items that require refrigeration will not be accepted, judged or displayed. Food products must be unquestionably safe to eat when they are entered, whether tasted or not. Egg glazes on yeast products before baking are allowed. Glazes, frostings, and other sugar based toppings are also considered safe due to the high sugar content. Eggs incorporated into baked goods or crusts and cheeses mixed into bread dough are considered safe. All fruit fillings must be cooked. Uncooked fruit is not allowed in any exhibit due to spoilage (i.e. fresh fruit tart). Cream cheese fillings and/or frostings are not allowed. Meat, dried meat or meat substitute pieces (bacon bits, pepperoni, etc.) or melted cheese toppings are not allowed in food exhibits. They may result in an unsafe food product by the time the item is judged due to unpredictable heat/and or weather conditions and will be disqualified.
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.

All fruit exhibits must be cooked. Uncooked fruit is not allowed in any exhibit due to spoilage (i.e. fresh fruit tart). All fruit must be cooked.

*DIVISION 401 - SIX EASY BITES (for Beginners ages 8 - 11)*

Purple $3.00  Blue $2.50  Red $2.50  White $1.50

Classes:
*1. Cookies (any recipe) - four on a small paper plate.
*2. Muffins (any recipe) - four on a small paper plate.

DIVISION 350 – GENERAL

Purple $3.00  Blue $2.50  Red $2.00  White $1.50

Classes:
1. Food Science Exploration – 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 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.
2. Foods and Nutrition Poster, Scrapbook, or Photo Display – Open to any 4-H’er enrolled in a Foods and Nutrition poster, involving a nutrition or food preparation or career concept / lesson. This might contain pictures, captions, and / or reports to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22” by 30”), computer based presentation printed off with note pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.
3. Physical Activity and Health Poster, Scrapbook, or Photo Display – Open to any 4-H’er enrolled in a Foods and Nutrition project, involving a physical activity or career concept / lesson. This might contain pictures, captions, and / or reports to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22” by 30”), computer based presentation printed off with note pages, if needed, and displayed in binder, an exhibit display, a written report in portfolio or notebook. Consider neatness and creativity.

*DIVISION 300 – YOUTH IN MOTION (for Intermediate ages 11 - 14)*

Purple $3.00  Blue $2.50  Red $2.00  White $1.50

Because Youth in Motion is no longer eligible for State Fair, this will be the last year Madison County will offer the division.

Classes:
1. YOUTH in Motion Poster, Scrapbook, or Photo Display – About the 4-H’er or the 4-H’er’s 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.
*2. Activity Bag – A duffle bag or backpack that the 4-H member 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 and clearly labeled, and include an explanation of why it is included in the Activity Bag. DO NOT put valuable items (ex. Electronics) in Activity Bag; instead, use a picture of the item or include in the listing of items.

*3. YOUTH in Motion Healthy Snack Recipe File – Collection of ten 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 ten recipes may be added each year the 4-H member is in project, with year clearly marked on recipes. Consider creativity and neatness. Display in recipe file, or box, or in a clear plastic binder.

*4. Healthy Lifestyles Interview - 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 a 9 x 12 inch 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 9 x 12 inches.

*5. Healthy Snack – See ideas for non-perishable snacks on page 36. Four cookies, bars, muffins, etc. on a paper plate, or at least one cup of the mix. (Examples: granola bars, homemade crackers or chips) Supporting information should include recipe and snack menu, and why this snack might be considered a healthy snack.

**DIVISION 402 - FAST FOODS (for Intermediate ages 11 - 14)**

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Classes:
1. Coffee Cake (any recipe or shape, non-yeast product)) - At least 3/4 of baked product. May exhibit in a disposable pan. Include menu for a complete meal where this recipe is served.

2. Cost Comparison Exhibit - Exhibit must include both the food product made from scratch and the comparable purchased products (for example, homemade cinnamon rolls compared to a pre-made cinnamon roll purchased at the store). Supporting information needs to include the cost of the food item made compared to the commercial product and the recipe for the homemade food item. See pages 22 – 35 of Fast Foods Manual relating to the Grocery Store Tour and the Store Shopper Tip Sheet listed on page 31.

3. Fast Food Technology Baked Product - Exhibit must include a food product prepared using a non-traditional method (i.e. bread machine, cake baked in convection oven, baked item made in microwave, etc.) that saves time in food preparation. Entry must include supporting information that discusses an alternative preparation method and how it compares with traditional method.
5. Fast Foods Recipe File - 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 4-H member is in project with year clearly marked on recipes. Display in recipe file or in a clear plastic binder. Be sure to include the number of servings or yield of each recipe.

DIVISION 410 - TASTY TIDBITS (for Intermediate ages 11 - 14)

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Commercially prepared mixes are allowed in the Creative Mixes Creative Mixes (Class 2) exhibit.

Classes:
1. Healthy Baked Product – (any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan). Must be made with less sugar, fat or salt, modified to use a sugar or fat substitute; changed to include a whole grain; or be altered for specific allergies/food intolerances. Include original recipe and altered recipe. Write what you learned about products made from an altered recipe in supporting information.

2. Creative Mixes (any recipe, at least 3/4 of baked products or 4 muffins or cookies on a paper plate. May be baked in a disposable pan). Baked item made from a mix (commercial or homemade mixes are acceptable). Food products must have been modified to make a new or different baked item. (Ex. Poppy seed Quick Bread from a cake mix, cake mix cookies, sweet rolls made from ready-made bread dough, monkey breads from biscuit dough, Streusel Coffee Cake from a cake mix, etc.) Write what you learned about making this product using a mix instead of a homemade recipe or recipe from scratch. Does it make it better or easier to use a convenience product or mix? Why or why not?

3. Biscuits - 4 biscuits on a small paper plate. This may be any type of biscuit, rolled, and dropped, any recipe. Recipe must be a non-yeast product baked from scratch.

4. Unique Baked Product (any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Recipe must contain a surprise ingredient and MUST not use a mix (ex. Cantaloupe Quick Bread, Pork & Bean Bread, etc.) Write what you learned about making this unique item with unusual ingredients. What was the anticipated outcome? Would you make it again?

5. Foam Cake - original recipe (no mixes) of a least 3/4 of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes.

DIVISION 411 - YOU’RE THE CHEF (for Seniors ages 14 - 18 years)

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Any bread item prepared or baked using a bread machine should be entered under the Fast Foods - Food Technology exhibit. All exhibits made in the You’re the Chef and Foodworks Projects
must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.

Classes:
1. Loaf Quick Bread (any recipe) at least 3/4 of a standard loaf displayed on a paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately 8½” x 4 ½” or 9” x 5”. If mini-loaf pans are used for exhibit, two loaves must be presented for judging.
2. White Bread (any yeast recipe) - At least 3/4 of a standard loaf displayed on a paper plate.
3. Whole Wheat or Mixed Grain Bread (any yeast recipe) - at least 3/4 of a standard loaf displayed on a paper plate.
4. Specialty Rolls - Any yeast recipe, 4 rolls on a paper plate. May be sweet rolls, English Muffins, Kolaches, Bagels, or other sweet roll recipe that makes individual portions.
5. Dinner Rolls - 4 rolls on a paper plate. May be Clover Leaf, Crescent, Knot, Bun, Bread sticks, or any other type of dinner roll. Recipe must include yeast.

DIVISION 413 - FOODWORKS (for Seniors 14 - 18 years)

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All exhibits made in the You’re the Chef and Foodworks Project Areas must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.

Classes:
1. Double Crust Fruit Pie - made with homemade fruit filling. No egg pastries or cream fillings. No canned fillings or premade pie crusts. May be a double crust, crumb, cut-out, or lattice topping. Enter in an 8 or 9 inch disposable pie pan.
2. Family Food Traditions - (any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan). Any baked item associated with family tradition and heritage. Entry must include: recipe, tradition or heritage associated with preparing, serving the food; where or who the traditional recipe came from.
3. Cultural Food Exhibit - (Any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan.) The names of the country or 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.
4. Specialty Bread (any recipe made with yeast) Tea rings, braids, or any other full sized specialty bread products. Must exhibit at least 3/4 of a full sized baked product. May be baked in a disposable pan.
5. Specialty Pastry (any recipe) - pie tarts, puff pastry, phyllo dough, scones, biscotti, choux, croissants, Danish, or strudels. Pastries made with cream or egg based filling will be disqualified. Phyllo dough may be pre-made or from scratch. Four on a paper plate or least 3/4 of baked product.
*DIVISION 913 - FAVORITE FOOD CONTEST

Purple $5.00  Blue $4.00  Red $3.00

Contest allows members to prepare **one** favorite food and present it for a special occasion. Members will be interviewed by the judge for about 5 minutes. Questions will be asked about the favorite food, menu, centerpiece and place setting, nutritional value of food, what food groups are being presented in menu, preparation time and order, and cost of food. No parent help on setting up display please. **4-H member must be enrolled in a foods and nutrition project to enter and must set up their own display.**

✦ Select and prepare a favorite food (doesn’t have to be from project books, but should be consistent with project manuals - easier foods for beginners more advanced foods for more advanced projects). The favorite food will be displayed as one serving. After the food is judged, the food will be removed. The food is judged on appearance and not tasted by judge.

✦ Day’s menu which includes the favorite food will be written on 8 ½ x 11” poster or heavy paper and displayed as part of the table setting.

✦ Recipe should be displayed on an 8 ½ x 11 matching poster, exhibited as part of table setting.

✦ Prepare a centerpiece and place setting for 1 on a card table. Members must provide their own table, table cover, place setting, and centerpiece.

✦ Parent and leaders may assist in carrying in articles for display. Parents may listen to judge’s questions; 4-H member should be prepared to answer the questions.

✦ Judging times will be assigned and determined prior to judging day on Wednesday, July 8. Exhibits must be interview judged. Call office for judging time at 370-4040.

✦ Contest is divided into Junior (ages 8 to 12, January 1 of current year); and senior (ages 13 and up, January 1 of current year)

Classes:
*915  Favorite Foods - Junior Division, ages 8 to 12
*916  Favorite foods - Senior Division, ages 13 and up

**DEPT F, DIVISION 500 – 4-H CULINARY CHALLENGE CONTEST**

Purple $5.00  Blue $4.00  Red $3.00

Classes:
97. Intermediate
98. Senior

The 4-H Culinary Challenge Contest will require teams to demonstrate healthy decision making through nutrition, food, preparation, menu planning, and food safety, utilizing foods and nutrition curriculum. They will apply healthy living knowledge and skills by planning a nutritious menu, demonstrating their understanding of time management skills in the kitchen, and expressing their originality and creativity through an appropriate themed and properly set table. To show case these skills, youth will create a menu, prepare one food item, and choose and appropriate them for their occasion while expressing their food nutrition, and food safety knowledge during a live interview with a judge at the contest. To highlight knowledge and skills acquired during pre-contest preparation, youth will utilize technology as part of their interview.
County Contest: Wednesday, July 8, 12:30 – 2:30 p.m. in the 4-H Office at the Fairgrounds. Call the Extension Office at 370-4040 prior to fair to set up an interview time.

State Fair Contest: Four county teams of two 4-H members will have the opportunity to advance to the 4-H Culinary Challenge Contest, which will be held the first weekend of the Nebraska State Fair. Teams will be determined by the oldest 4-H’er’s age and will be placed as follows: Intermediate – ages 10 to 13 and Senior – ages 14 to 18.

Challenge Ingredient/Item:
A challenge ingredient will be selected each year, highlighting a Nebraska commodity food product. The 2015 challenge ingredient is apples. Each team must incorporate the challenge ingredient into their food item they will be presenting during the contest. This may require altering a recipe or creatively incorporating an item into their overall table theme. (For example: apple fritters, applesauce muffins, apple-based salad, etc.) The challenge ingredient must also be included in the interview presentation, demonstrating youth knowledge of the ingredient, such as nutritional value, a farm-to-fork concept, or how to adapt a recipe to include the ingredient.

Judges Interview:
The team should view themselves as the hosts, welcoming the judge, cooperatively presenting the table to the judge, incorporating multi-media resources, and answering any questions from the judge. Teams must be prepared to present to the judge utilizing technology. (PowerPoint, picture story, or other multi-media resource. Presentations may include photos, clip art, animation, video or audio sound.) The 4-H members should cooperatively present a verbal presentation to the judge that is highlighted by their multi-media presentation via computer or iPad. Participants must provide their own computer or other equipment needed for their 4-H Foods Event judging interview. Presentations will occur at participants’ tables. Please do not bring projectors or other equipment which will require extra space.

Considerations should be given to creatively include the following items through the multi-media presentation:
❖ Nutritional facts of their menu
❖ Food safety
❖ Time management
❖ Choice of menu
❖ Food preparation (video of your team preparing your food)
❖ Food handling techniques
❖ Recipe of the food item shared with the judge
❖ Challenge ingredient (nutritional value, farm-to-fork, recipe revision, etc.)

General Rules/Guidelines
1. A team will consist of two members to be eligible to compete. 4-H members must all be at least 10 years of age by January 1 of the current year.
2. All team members must be enrolled in a 4-H foods and nutrition project during the current 4-H year.
3. Judging interviews will be approximately 12 to 15 minutes for Intermediate and Senior Division. This time includes a short presentation by the teams, as well as questions from the judge.
4. Teams should arrive at least 15 minutes prior to assigned time to set up the table at the 4-H office.
5. Team members must provide their own card table for the display.
6. Upon arriving, check-in at the registration table. Teams will be assigned a specific area to set up.
7. Check-in area will contain a refrigerator, a microwave and *limited* temporary storage for table settings.
8. Only contestants will be allowed to set up or arrange table settings.
9. Participants must have their table setting ready by the assigned time. Once tables are set, contestants should stay with their tables, as they are responsible for items placed on tables.
10. During judging, 4-H members may choose to dress in appropriate clothing, costume, or accessories relevant to the theme. A 4-H chevron or 4-H emblem must be visible on clothing.
11. Upon completion of contest, team will take down table and re-assemble it in 4-H Building

Contest Resources: A 4-H Culinary Challenge Contest score sheet will be available via the website. More information regarding proper table setting guidelines, recipe development resources, food safety guidelines will also be available through the website at [http://food.unl.edu/youth/projects](http://food.unl.edu/youth/projects).

**DEPARTMENT E—FOOD PRESERVATION**

**EXHIBITS IN THIS AREA WILL BE JUDGED BY INTERVIEW METHOD WEDNESDAY, JULY 8 AT THE FAIRGROUNDS**

Current USDA processing methods and altitude adjustments must be followed for all food preservation. All non-acid vegetables and meats must be processed in a pressure canner. Jars and type of lid should be the same size (all small or all large). Jams, preserves and marmalades, fruit, and pickled vegetables should be processed in a boiling water bath. Tomatoes may be processed in a pressure canner. Jelly glasses or half-pint jars may be used for jellies and preserves. The jars are not to be decorated in any way. Provide attractive container to hold preservation project so jars won't be separated or broken. This should be low enough to allow exhibit to be viewed by the public. Container does not affect opinion of judge.

Recipe/Labeling - see [http://food.unl.edu/web/preservation/home](http://food.unl.edu/web/preservation/home) for current USDA guidelines, how to find your Nebraska altitude, and proper procedures for food preservation. Write plainly on a label and paste or tape securely on jar bottom. Specialized sticky labels not required.

All canned foods must include the following information on the label of the item:

- a) Method of preservation (pressure canner or water bath canner)
- b) Type of pack (raw pack or hot pack)
- c) Altitude and altitude adjustment if needed
- d) Processing time
- e) Number of pounds of pressure, if pressure canner used
- f) Source of recipe and or method of preservation (If a publication, include name and date).
Recipe can come from any source but current USDA Guidelines for Food Preservation Methods must be used. See [http://food.unl.edu/web/preservation/home](http://food.unl.edu/web/preservation/home).

All dried foods must include the following information on the label of the item:
   a) Recipe and recipe source
   b) Method of pretreatment
   c) Drying method and drying time.

Write plainly on label and paste or tape securely to back of a self-sealing bag. Multiple jar exhibits should be contained in a small undecorated box. Use a rubber band or “twisty” to keep exhibit containing the three self-sealing bags together.

**DIVISION 407 - FOOD PRESERVATION**

Purple $3.00  Blue $2.50  Red $2.00  White $1.50

Classes:
1. Dried fruit - Exhibit 3 different examples of dried fruit. Please place each dried fruit (6-10 pieces of fruit, minimum of 1/4 cup) in separate self-sealing bags. Use a rubber band or “twisty” to keep exhibit together.

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

10. Dried Vegetables - Exhibit 3 different samples of dried vegetables. Place each food (1/4 cup of each vegetable) in a separate self-sealing bag.

11. Dried Herbs - Exhibit 3 different samples of dried herbs. Place each food (1/4 cup of each herb) in a separate self-sealing bag.

12. 1 Jar Fruit Exhibit - One jar of a canned fruit. Entry must be processed in the boiling water bath according to the current USDA recommendations. Label the jar.

13. 3 jar exhibit - Three jars of different canned fruit. May be three different techniques for same type of product, ex. applesauce, canned apples, apple pie filling, etc. Entry must be processed in the boiling water bath according to the current USDA recommendations. Label each jar.

14. 1 Jar Tomato exhibit - One jar of a canned tomato product. Entry must be processed in a boiling water bath or pressure canner according to current USDA recommendations.

15. 3 Jar Tomato exhibit - Exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.) Entry must be processed in a boiling water bath or pressure canner according to current USDA recommendations.

20. 1 Jar Vegetable or Meat Exhibit - One jar of a canned vegetable or meat. Include only vegetables and meat canned in a pressure canner according to USDA recommendations.

21. 3 Jar Vegetable Exhibit - Three jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to USDA recommendations.
22. Quick Dinner - Exhibit a minimum of 3 jars to a maximum of 5 jars (all the same size) plus menu. Meal should include 3 canned foods that can be prepared within an hour. List complete menu on a 3 x 5 file card and attach to one of the jars. Entry must be processed according to current USDA recommendations.

30. 1 Jar Pickled Exhibit - One jar of a pickled and/or fermented product. Entry must be processed in the boiling water bath according to current USDA recommendations.

31. 3 Jar Exhibit - Three jars of different kinds of canned pickled and/or fermented products. Entry must be processed in boiling water bath according to current USDA recommendations.

40. 1 Jar Jelled Exhibit - One jar of a jam, jelly or marmalade. Entry must be processed in the boiling water bath according to current USDA recommendations.

41. 3 Jar Jelled Exhibit - Three different kinds of jelled products. Entry may be made up of either pints or half pints (but all jars must be the same size). Entry must be processed in the boiling water bath according to current USDA recommendations. Label each product.

*DIVISION 910 - CAKE DECORATING*

A 4-H member can advance up to the next category before the youth has been in the level for two years. However, they may not remain in the beginning and intermediate divisions for more than two years each. This is a county project and not eligible for state fair.

**BEGINNING CAKE DECORATING** (1 - 2 years of experience)

Purple $4.50  Blue $4.00  Red $3.50  White $3.00

*901. Exhibit a one layer cake - decorated with techniques learned in the beginning project. 4-H member may use a Styrofoam cake form or a cake for decorating. It MUST be decorated with frosting only. No artificial decorations may be used. Cakes\forms will be judged on neatness and techniques.

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

*902. Set of 4 Buttercream Techniques – Include techniques learned in the beginning project, such as borders, leaves, writing stars; pipe on an 8” x 10” covered cardboard.

*903. Three Page Folder - Contains descriptions and photos of three cakes you have decorated during the current project year. One cake description and photograph per page.

**INTERMEDIATE CAKE DECORATING** (3 - 4 years of experience)

Purple $4.50  Blue $4.00  Red $3.50  White $3.00

*904. Exhibit one cake utilizing originality in design. Techniques should include at least one 2-tip border or design. No artificial decorations may be used. Cake will be judged on neatness, creativity, and techniques used. 4-H member may use a Styrofoam cake form or a cake for decorating. No cake pan forms accepted.
Purple $2.50    Blue $2.00    Red $1.50    White $1.00  

*905. Set of 4 Butter cream techniques using 1 to 2-tip borders, flowers, leaves, writing, (NO STARS) on an 8”x 10” cardboard.

*906. A folder containing descriptions and photos of four or more cakes you have decorated during the year. Include a photograph. One cake description and photo per page.

ADVANCED CAKE DECORATING (5 years or more experience)

Purple $4.50    Blue $4.00    Red $3.50    White $2.50  

*907. Exhibit one cake - Utilize originality in design and advanced techniques. Decoration can be added to enhance the design of the cake (for example, wedding bells, doves, candles, etc.) Cake in this category will be judged on originality of design, techniques used, and neatness. 4-H member may use a Styrofoam cake form or a cake for decorating. No cake pan forms accepted.

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

*908. Set of 4 Buttercream techniques using a combination of two tips such as borders with 2 tips, flowers with leaves and/or stem figure piping, on an 8” x 10” covered cardboard.

*909. A folder containing descriptions and photos of four cakes you decorated during the current project year. One cake description and photo per page.

*CREATIVE CAKE DECORATING (all units)

Purple $ 3.50    Blue $3.00    Red $2.50    White $2.00  

*910. Non-tube Decorating Cake - Cake made from no more than one mix. Decorations may include marshmallows, candy, cookies, crackers, chocolate chips, coconut, etc.

*911. Theme: The Heart of 4-H

✦ Submit three edible cupcakes using the Theme “The Heart of 4-H” to Decorate your cupcakes.
✦ Cupcakes can be decorated with hearts, but your Heart of 4-H might be a horse or dog or something else.

✦ Entries should be made using 100% edible decorations/frosting.
✦ Cupcakes must be edible, but will not be judged on taste.
✦ Cupcake may be entered on paper/plastic plate or board

✦ If using pre-made decorations or purchased candies (flowers, letters, etc.), please use as accent to design, not as majority of decoration.

✦ Entries with plastic figurines and other non-edibles items will be disqualified. Glue gun use is prohibited.
Cake Decorating Show Supporter: Wilton Enterprises

Wilton Decorated Cakes “Best of Class” award is offered for winning cakes with some type of bag and tip or rolled fondant cake decorating.

"Best of Class” winners from the Decorated Cake Divisions and Cupcake Divisions will receive the following prize:

✦ Wilton Easy Layers! 6-inch Cake Pan Set, 5 piece
✦ Wilton 12 piece Cupcake Decorating Set

Judges must give the winner’s name and address to the Extension Office along with the award they would like to receive.

DEPARTMENT E—SAFETY

Purple $3.00  Blue $2.50  Red $2.50  White $1.50

DIVISION 440 - SAFETY

Classes:
1. First Aid Kit - Prepare kit according to guidelines in 4-H 425, Citizen Safety, pages 6 and 7. An 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. A written description of the kit’s purpose and an inventory list of contents are required. Any kit containing any of the following will be automatically disqualified: 1) Prescription medications (if the purpose of the kit 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 date of judging. (This includes sterilized materials, non-prescription medications, ointments, salves, solutions, etc.) Items dated month and year only are considered expired the last day of that month. 3) Any controlled substance.

2. Disaster Kit (emergency preparedness) - A kit of materials to prepare a person or family for emergency conditions caused by a natural or mad-made event. 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 water needs for your disaster kit. Do not bring actual water to the fair in the kit. Take pictures of water and include in kit.
3. Safety scrapbook must contain 15 news articles from both print and/or internet sources of various incident types. Mounted each clipping on a separate page and accompanied by a description of events leading to the incident and any measures that could have prevented it. Scrapbook should be bound in a hard cover binder for 8 1/2" x 11" size paper. Correct sentence structure, readability, and thorough explanations are an important part of judging.

4. Safety Experience: 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.

5. Careers in Safety - The exhibit should identify a specific career area in the safety field and include education and certification requirements for available positions, salary information, demand for the field and a summary of the youth’s interest in the field. Examples of careers include firefighters, paramedics, emergency management personnel, some military assignments, law enforcement officers, emergency room medical personnel, fire investigator and more. It is recommended youth interview a professional in the field in their research. Additional research sources might include books, articles, career web sites, job-related government web sites or interviews with career placement or guidance counselors. Exhibits may be presented in a poster with supplemental documentation, a notebook including up to ten pages of narrative and pictures, or a multimedia presentation on a CD lasting up to five minutes.

DIVISION 450 - FIRE SAFETY EDUCATION

Purple $3.00  Blue $2.50  Red $2.50  White $1.50

Classes:
1. Fire Safety Poster - This is a home floor plan drawn to scale showing primary and secondary escape routes and where fire extinguishers and smoke detectors are located. Draw every room, including all doors and windows. Use black or blue arrows showing primary escape routes from each room. Use red arrows showing secondary routes to use if the primary routes are blocked. Primary and secondary escape routes must lead outside to an assembly location. Documentation should include evidence the escape plan has been practiced at least four times. Posters must be constructed of commercial poster board at least 11” x 14” but not larger than 22” x 18”

2. Fire Safety Scrapbook - 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.
3. Fire Prevention Poster - Posters should promote a fire prevention message and be appropriate to display during National Fire Prevention Week or to promote fire safety at specific times of the year (Halloween, 4th of July, etc.). Originality, clarity and artistic impression will all be judged. Do not include live fireworks, matches or other flammable/explosive/hazardous materials. Any entry containing this material will be disqualified. Posters must be constructed of commercial poster board at least 11" x 14" but not larger than 22” x 28”.

**DEPARTMENT F—ENTREPRENEURSHIP**

Purple $3.00  Blue $2.50  Red $2.00  White $1.50

Posters must be 14” x 22” and may be arranged either horizontally or vertically. All exhibits are directly related to activities in the project. Posters may be laminated to protect them. Posters may include photographs, charts or examples as well as a written explanation.

**DIVISION 531 - ESI**

**Unit 1 - Discover the E-Scene**
Classes:
1. 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? (See pages 2.1 - 2.4 of the manual)

2. Picture story of a tour or field trip to study entrepreneurship and/or business operation. (See pages 2.1- 2.4 of manual).

**Unit 2 - The Case of ME**
Classes:
3. Social Entrepreneurship Presentation
   Prepare a five slide power point presentation about a social entrepreneurship event to benefit a group or individual in your community. Social entrepreneurs are people who are in business to help others. Submit a print out of the note pages which show each slide and include an explanation of each slide. Enter exhibit in a report cover with fasteners (no slide bars). Refer to page 2.4 of Unit 2 The Case of Me for ideas.

**Unit 3 - Your Business Inspections**
Classes:
5. Marketing Packages (mounted on a 14” x 22” poster) must include at least three items (examples) developed by the 4-H Member from the following list: business card, brochure, advertisement, business promotional piece, printout of the 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 member and not an existing business.
6. Sample of an Original Product with an information sheet (8 ½” x 11”) answering the following questions:
   a) What did you enjoy the most about making the product?
   b) What Challenges did you have when making the product? Would you do anything differently next time? If so, what?
   c) What is the suggested retail price of the product? How did you decide on the price?
   d) Market analysis of the community - data gathers 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.
   e) How much would you earn per hour? Show how you determined this figure.
   f) What is unique about this product?

7. Service Business Poster (14’ x 22’ poster)
   Picture story of the service oriented business - Needs to be original photos of their business. Attach an 8.5” x 11’ information sheet to the poster answering these questions:
   a) What do you enjoy most about this service business?
   b) What challenges did you have when starting the business? Would you do anything differently next time? If so, what?
   c) What do you charge for your service(s)? How did you decide this price?
   d) Market analysis of the community through data gathered from a survey (using questions on page 3.3 with at least 10 potential customers.
   e) How much do you earn per hour? Show how you determined this figure.
   f) What is unique about this business?

DEPARTMENT G—HORTICULTURE

HORTICULTURE AND GARDENING EXHIBITS WILL BE JUDGED INTERVIEW METHOD ON WEDNESDAY, JULY 8 AT THE FAIRGROUNDS

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

Limit of three exhibits in each project unless otherwise indicated.

The exhibitor's name, address, and parent's name 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.

Exhibitors are expected to know cultivar or variety name when interviewing with judge.

Follow the guidelines in 4-H “Preparing Cut Flowers for Exhibit” 4H227 (revised 7/20/12) (Free download at http://4h.unl.edu/web/4hcurriculum/PreparingCutFlowers) when preparing entries for the fair.
DIVISION 770 - Floriculture, Educational Exhibits & Houseplants:

Must be enrolled in World of Flowers and/or Annual Flowers.

Cut flowers Classes:
* 970. Annuals - Five stems of single variety (cultivar) unless otherwise noted in parenthesis.
   Aster, Bachelor Buttons, Bells of Ireland, Browallia, Calendula, Celosia - (crested or plume 3 stems), Cosmos, Dahlia, Dianthus, Foxglove, Gladiolus (3), Gomphrene, Hollyhock (3 stems), Marigold, Pansy, Petunia, Salvia, Snapdragon, Statice, Sunflower, Vinca, Zinnia & others

*971. Perennials - Five stems from a single variety unless otherwise noted in parenthesis.
   Display in a clear glass container, adequate in size to display blooms. Achillea/Yarrow, Chrysanthemum, Coneflower, Daisy, Gaillardia, Helianthus, Liatris - (3 stems), Lilies (3 stems Not daylilies), Platycodon, Purple coneflower, Rose - (3 stems), Rudbeckia/Black-eyed Susan, Sedum, Static, and any other perennial

*972. Special Gardening/Flower Project - Love-Lies-Bleeding Amaranth

45. 4-H Flower Garden - Collection of five different flowers. Each flower in the collection should be exhibited with the number specified for Classes 1-44. Display in a box or other holder no more than 18" in any dimension. Each flower in the collection should be identified.

50. Flower Notebook - Exhibit a notebook containing pictures of flowers grown in Nebraska. There must be at least 10 different species of annuals and/or biennials and 10 different species of perennials hardy to Nebraska. Bulbs may be included in a separate section. 4-H members 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.

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

52. Educational Flower Garden Poster - Prepare a poster 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H flowers or houseplant project. 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 paper clipped 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.
53. Flower Gardening History Interview - Neatly handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum of four pages of text and two pages of pictures (include one 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 must be on the back of the report cover.

GROWING GREAT HOUSEPLANTS

Container grown plants shall be in pots no greater than 12” in diameter (inside opening measurement) and weigh no more than 10 pounds. The choice of container and soil quality will be considered in judging. House plants should be grown in the display container for a minimum of 6 weeks. Containers of annual flowers or annual plants will be disqualified.

Classes:
60. Flowering potted house plant(s) that are blooming for exhibition.
61. Foliage Potted house plant(s) of all the same variety.
62. Hanging basket of flowering and/or foliage house plants.
63. Dish gardens - An open/shallow container featuring a variety of house plants excluding cacti and succulents. Container may be up to 12” in diameter (inside opening measurement).
64. 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 bath tub, etc.
65. Desert gardens - An open/shallow container featuring cacti and/or succulents grown as houseplants. Container may be up to 12” in diameter.
66. Terrarium - A transparent container, partially or completely enclosed; sealed or unsealed.

GARDENING

<table>
<thead>
<tr>
<th>Color</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purple</td>
<td>$2.50</td>
</tr>
<tr>
<td>Blue</td>
<td>$2.00</td>
</tr>
<tr>
<td>Red</td>
<td>$1.50</td>
</tr>
<tr>
<td>White</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

The number that constitutes an exhibit is listed after each entry designation. **A limit of five vegetable entries in this department may be made by the exhibitors.** Vine crops must have stems attached or included with the exhibit. **Exhibitor must know the cultivar or variety name when interview judging.**

Rinse off produce with cool clean water but do not scrub vegetables.

For other directions on preparing items for exhibit follow the guidelines in “Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit 4-H 226 (revised June 2013) (Free Download at [http://4h.unl.edu/web/4hcurriculum/PreparingVegetablesHersandFruit](http://4h.unl.edu/web/4hcurriculum/PreparingVegetablesHersandFruit))
<table>
<thead>
<tr>
<th>CLASS</th>
<th>VEGETABLE</th>
<th>NUMBER TO EXHIBIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>201.</td>
<td>Lima Beans</td>
<td>12</td>
</tr>
<tr>
<td>202.</td>
<td>Green Beans</td>
<td>12</td>
</tr>
<tr>
<td>203.</td>
<td>Wax Beans</td>
<td>12</td>
</tr>
<tr>
<td>204.</td>
<td>Beets</td>
<td>5</td>
</tr>
<tr>
<td>205.</td>
<td>Broccoli</td>
<td>2</td>
</tr>
<tr>
<td>206.</td>
<td>Brussels Sprouts</td>
<td>12</td>
</tr>
<tr>
<td>207.</td>
<td>Green Cabbage - round</td>
<td>2</td>
</tr>
<tr>
<td>208.</td>
<td>Red Cabbage</td>
<td>2</td>
</tr>
<tr>
<td>209.</td>
<td>Carrots</td>
<td>5</td>
</tr>
<tr>
<td>210.</td>
<td>Cauliflower</td>
<td>2</td>
</tr>
<tr>
<td>211.</td>
<td>Slicing Cucumbers</td>
<td>2</td>
</tr>
<tr>
<td>212.</td>
<td>Pickling Cucumbers</td>
<td>5</td>
</tr>
<tr>
<td>213.</td>
<td>Egg Plant</td>
<td>2</td>
</tr>
<tr>
<td>214.</td>
<td>Kohlrabi</td>
<td>5</td>
</tr>
<tr>
<td>215.</td>
<td>Muskmelon\Cantaloupe</td>
<td>2</td>
</tr>
<tr>
<td>216.</td>
<td>Okra</td>
<td>5</td>
</tr>
<tr>
<td>217.</td>
<td>Yellow Onions</td>
<td>5</td>
</tr>
<tr>
<td>218.</td>
<td>Red Onions</td>
<td>5</td>
</tr>
<tr>
<td>219.</td>
<td>White Onions</td>
<td>5</td>
</tr>
<tr>
<td>220.</td>
<td>Parsnips</td>
<td>5</td>
</tr>
<tr>
<td>221.</td>
<td>Bell Peppers</td>
<td>5</td>
</tr>
<tr>
<td>222.</td>
<td>Sweet (Non- Bell Peppers)</td>
<td>5</td>
</tr>
<tr>
<td>223.</td>
<td>Jalapeno Peppers</td>
<td>5</td>
</tr>
<tr>
<td>224.</td>
<td>Hot (Non-Jalapeno) Peppers</td>
<td>5</td>
</tr>
<tr>
<td>225.</td>
<td>White Potatoes</td>
<td>5</td>
</tr>
<tr>
<td>226.</td>
<td>Red Potatoes</td>
<td>5</td>
</tr>
<tr>
<td>227.</td>
<td>Russett Potatoes</td>
<td>5</td>
</tr>
<tr>
<td>228.</td>
<td>Other Potatoes</td>
<td>5</td>
</tr>
<tr>
<td>229.</td>
<td>Pumpkin</td>
<td>2</td>
</tr>
<tr>
<td>230.</td>
<td>Miniature Pumpkins (Jack Be Little)</td>
<td>5</td>
</tr>
<tr>
<td>231.</td>
<td>Radish</td>
<td>5</td>
</tr>
<tr>
<td>232.</td>
<td>Rhubarb</td>
<td>5</td>
</tr>
<tr>
<td>233.</td>
<td>Rutabaga</td>
<td>2</td>
</tr>
<tr>
<td>234.</td>
<td>Green Summer Squash</td>
<td>2</td>
</tr>
<tr>
<td>235.</td>
<td>Yellow Summer Squash</td>
<td>2</td>
</tr>
<tr>
<td>236.</td>
<td>White Summer Squash</td>
<td>2</td>
</tr>
<tr>
<td>237.</td>
<td>Acorn Squash</td>
<td>2</td>
</tr>
<tr>
<td>238.</td>
<td>Butternut Squash</td>
<td>2</td>
</tr>
<tr>
<td>239.</td>
<td>Buttercup Squash</td>
<td>2</td>
</tr>
<tr>
<td>240.</td>
<td>Other Winter Squash</td>
<td>2</td>
</tr>
<tr>
<td>241.</td>
<td>Sweet Corn (in husks)</td>
<td>5</td>
</tr>
<tr>
<td>242.</td>
<td>Swiss Chard</td>
<td>5</td>
</tr>
<tr>
<td>243.</td>
<td>Red Tomatoes</td>
<td>5 (2&quot; or more in diameter)</td>
</tr>
<tr>
<td>244.</td>
<td>Roma or Sauce-type tomatoes</td>
<td>5</td>
</tr>
<tr>
<td>245.</td>
<td>Salad Tomatoes</td>
<td>12 (under 2&quot; diameter)</td>
</tr>
<tr>
<td>246.</td>
<td>Yellow Slicing Tomatoes</td>
<td>5 (2&quot; or more in diameter)</td>
</tr>
</tbody>
</table>
Turnips 5
Watermelon 2
Dry Edible Beans 1 pint
Gourds, mixed types 5
Gourds, single variety 5
Other Vegetables
Tomatoes, green 2

NO CANNED OR DRIED VEGETABLES WITH THE EXCEPTION OF DRY BEANS WILL BE ACCEPTED IN ANY OF THE GARDEN EXHIBITS.

255. 4-H Vegetable Garden Collection - Exhibit of five kinds of vegetables. (Display in a single box not to exceed 24” in any dimension. Do not use plastic grass, cotton, etc.) Only fresh vegetables grown during the current season will be accepted for exhibit. (For number of vegetables in this exhibit, refer to the above classes).

256. Cultivar Vegetable collection - Vegetables entered in the collection are five cultivars from a single exhibit; for example five cultivars of all types of peppers, or squash, or onions, or tomatoes, etc. Display in a box not more than 24” in any dimension. Showmanship will be considered in judging; but plastic grass, cotton figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual classes (201-251).

DIVISION 773 - Herbs
Herbs 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 container of water. Potted herb plants will be disqualified.

Classes:
Basil 5
Dill (dry) 5
Garlic (bulbs) 5
Mint 5
Oregano 5
Parsley 5
Sage 5
Thyme 5
Other herb 5

Herb Garden Display of five kinds of herbs displayed in a box of appropriate size (not to exceed 18”in any direction). Fasten (glue or tape) containers of water to the bottom of the box, when displaying herbs in water. Each herb in the collection should have the correct number of stems or bulbs as indicated in class.
DIVISION 773 - FRUITS

Classes:
280. Strawberries (everbearers) 1 pint
281. Grapes 2 bunches
282. Apples 5
283. Pears 5
284. Wild Plums 1 pint
285. Other small fruits or berries 1 pint
286. Other fruits OR nuts 5

DIVISION 773 - EDUCATIONAL EXHIBITS

Classes:
290. Garden Promotion Poster - Individual poster promoting vegetable and/or flower gardening size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium: watercolor, ink, crayon, etc., so long as it is not 3-dimensional. Posters using copy-righted material will not be accepted.

291. Educational Vegetable or Herb Garden Poster - No larger than 14" x 22" x 2" (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project you have done or learned about in a 4-H vegetable gardening project. You might show a special technique used or equipment incorporated in your garden (ex. drip irrigation system, composting, or special techniques learned.)

292. Vegetable and/or Garden History Interview - Neatly handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum of four pages of text and two pages of pictures (include one picture of the person you interviewed), of their garden if the individual is still gardening. Protect with a clear report cover.

293. Vegetable Seed Display - Each display must include seed representing the following families: Cucurbit, Cabbage, Nightshade, and Legume families plus representatives from five 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 of each vegetable, except for beans where several examples of beans may be shown. Attach a card to the display explaining why it is important to know which vegetables are related and site references on where the scientific name information was found. The 4-H member’s name, age, full address, county and years in the project must be on the back of the display.

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

**Division 775 - Special Garden Project**

Youth must be enrolled in the 2015 “White Satin Carrot” Special Garden Project to exhibit.

Class:
1. Special Garden Project - Educational exhibit based on what was learned from the project. Present information on a poster 14” X 22” either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member’s name, age, full address, and county must be on the back of the poster or report cover.

**LIVESTOCK SECTION**

**General Livestock Rules**

**A. Livestock ID Sheets/Affidavit:** All Livestock ID sheets, except bucket calf, are due June 1, 2015 to be eligible to show at the 2015 Madison County Fair.
   a. Bucket Calf ID sheets are due to the Extension Office by Friday, May 1, 2015.
   b. Record Books are due the office Monday, July 1, 2015.

**B. Entry Deadlines:** All pre-entry forms are due to the Madison County Extension office by Monday, June 15 to be eligible to exhibit at the 2015 Madison County Fair.

**C. Quality Assurance Training:**

The 4-H Quality Assurance (QA) Course teaches youth about the quality of meat and food products that come from livestock. Quality assurance for livestock producers means making a promise to the consumers, or the people who consume the meat, eggs, milk, and dairy products from food production animals. The promise made is that products from livestock will be the highest possible quality; producers will do everything possible to make the products safe to eat.

**Livestock Quality Assurance Online Course**

To enroll in the self-directed online course, Internet access and an email address is required. A **$5.00 fee per exhibitor is payable online to complete the requirements to show at the fair.**

**Completion Requirements for 4-H Youth**

4-H youth ages 8-18 who are enrolled in a livestock project (beef, dairy cattle, dairy goat, meat goat, poultry, rabbit, sheep, and hogs) are required to **complete three modules** in the Livestock Quality Assurance Online Course by **June 15** of the current year to complete that year's QA requirements. Intermediate and Senior age youth may alternatively elect to take a test-out test. Practice test-out tests are available through the online course; however, the actual test is administered by the Extension Office. Upon completion of each module, youth will be able to print a certificate of completion. Youth will need to deliver this certificate to the Madison County Extension Office on or before June 15 to receive full credit for completion.

**SPECIFIC TO MADISON COUNTY 4-H’ERS ONLY! WE WILL ACCEPT SIX MODULES IN 2015 TO MEET REQUIREMENTS FOR THE CURRENT YEAR AND 2016. ALL CERTIFICATES DUE TO SARAH AT THE EXTENSION OFFICE BY JUNE 15.**
D. Back Tags: Each 4-H and FFA member will have their own unique number printed on a back tag. Exhibitors must have this number on their back while exhibiting animals. These tags will be available at the Madison County Fair 4-H Office during the fair.
   a. Horse Exhibitors will be required to have 3 tags attached to each side of their saddle blanket and one on their back.

E. Grooming of Livestock: Preparation and grooming of an animal should be the primary responsibility of the County Fair Exhibitor, however, assistance may be provided by immediate family members of the exhibitor.

F. Dress Code: When showing animals, exhibitors must wear a 4-H t-shirt. Blue jeans are appropriate; however see below for Dairy dress code. Hats shall not be worn when in the show ring. Boots are encouraged. NO tennis shoes for large animals.
   a. Dairy Dress code: Exhibitors are required to wear long jeans/pants and closed toed shoes, long sleeve white button up shirt with 4-H Chevron on sleeve. No hats, caps or other types of headgear are to be worn during any portion of the show.
   b. Horse Dress code: Dress code is set forth in the “4-H Horse Show and Judging Guide.” Available to order at UNL Marketplace.

G. Code of Conduct: All livestock exhibitors must agree to the form by checking and digitally signing your online enrollment. This online form shall also serve as an acknowledgement of having read the fair book and a willingness to abide by it.

DEPARTMENT F—JUDGING CONTEST

DIVISION 500
Purple $3.00  Blue $2.50  Red $2.00  White $1.50

THE LIVESTOCK JUDGING CONTEST WILL BE HELD ON WEDNESDAY, JULY 8, 2015 AT 4:00 P.M. (Adults and Clover Buds welcome to participate)

925. Senior Livestock Judging (14 years old and older)
926. Intermediate Livestock Judging (13 years and under)

DEPARTMENT G—SHOWMANSHIP GENERAL

Purple $7.00  Blue $6.00  Red $5.00

Showmanship contest will be held immediately before showing the respective classes of livestock. Each competitor must show his own animal. An animal may be shown only once in showmanship. The judge will take into consideration the member's skill in handling the animal, proper grooming and training of the animal. Individual excellence of the animal will not count. Exhibitors will also be rated on appropriate 4-H or FFA dress code.
To enter Showmanship see respective livestock group.
Senior Showmanship Division (14, 15, 16, 17 & 18 years old; 4-H age)
Intermediate Showmanship Division (11, 12, and 13 year old; 4-H age)
Junior Showmanship Division (8, 9, & 10, years old; 4-H age)

All exhibitors must show in their respective age division.

PEEWEE DAIRY, SHEEP, HOG, & BEEF SHOWMANSHIP
Participation awards ONLY

Open to all Madison County residents, ages 4 through 7 4-H age. There will be no competition; peewee showmanship is used only as a learning experience for potential livestock 4-H Members. If bringing own animal, call the Extension Office by June 15.

Peewee may bring their own dairy animal or sheep for that day or one will be supplied from county fair entries with owner’s permission.

- Beef
- Dairy (must be born after January 1, 2015)
- Lamb
- Hogs

DEPARTMENT G—HERDSMANSHIP

Herdsmanship Awards: (Note: small and large animals will be judge together as one club)

- 1st Place Purple - $100.00
- 2nd Place Purple - $75.00
- 3rd Place Purple - $50.00
- (5) Blue - $30.00
- Red - $20.00

(Only 3 purples and 5 blues will be awarded. The rest will be red ribbon awards.)

Purpose: To present animal exhibitors to the public in a neat and attractive manner. Hersdmanship duties are the responsibility of the exhibitors. These exhibits should put our best foot forward for 4-H. We hope that this will help club members and clubs all work together and show their club pride as a team while caring for their animals and equipment’s to the best of their ability during the county fair.

Procedures: Clubs will receive points for herdsmanship. Judging will take place throughout the day. Points awarded will be posted at the end of the day. Clubs must have 3 or more animals per club to be eligible for award.

Stall cards must be in place at all times for identification of exhibits. These can be picked up at the 4-H Office during the fair. Please replace throughout the fair as needed.
Livestock, Horse and Small Animals will be judged on neatness of quarters, cleanliness of animals, water care, bedding, courtesy of club members and neatness of cages for the duration of the fair.

Horse Clubs will be assigned one day during the fair to clean the North Side of the Barn and Cement areas. Clubs and Individuals are still responsible for cleaning up after your own horse.

Awards will be based on the following:

Basis of Rating Herdsmanship: Judges will use the following scoring criteria when judging county exhibits for herdsmanship.

- Animals: clean at all times with proper grooming, feeding, bedding, and care apparent.
- Stalls: clean and neat; bedding clean and fresh; feed and feed pans and buckets clean and in place. Exhibitor’s signs identifying stalls and tack area clearly in place.
- Clean up manure in animal areas and in walkways & aisle of barn. Alleys: exhibitor’s share of alley area kept clean; kept free of equipment; dust kept under control with proper sweeping and/or sprinkling.
- Check animals several times a day.
- Keep animals comfortable in hot weather.
- Keep litter picked up on all areas of fairgrounds.
- Tack and feed area: kept clean and neatly arranged. Keep forks, rakes, and shovels out of the aisles and walkways.
- Be considerate of your neighboring clubs in the barn and other areas at the fair. Proper courtesy and conduct shown by exhibitors at all times including with the public and other exhibitors.
- Evidence that exhibitors are doing the herdsmanship.
- Make sure animals are secure, check tie outs, check latches in stalls and cages.
- Wheel barrels should be emptied immediately upon use and that manure etc. should not be left sitting in them.
- Be sure wires and electrical wires are secure.
- Educational Displays and Beautification of areas are kept neat and clean. (Note: the educational displays will only be judged for content on Thursday of the fair. These areas will then be judged on cleanliness and the upkeep of the area.)

Total of 100 points each day can be earned. Total of all points during the week will determine awards. Points awarded each day will be posted in the livestock barn at an undetermined time.

**DIVISION 913 - HERDSMANSHIP**

Class:
901. Club Herdsmanship
4-H Beef Show at County fair and State Fair will be a “Blow and Go” show. Animals can be clipped, blown and brushed or combed to enhance their appearance. This means no adhesive products and no aerosol products. Any compounds that have adhesive qualities or alter the color of the animal are forbidden.

QUALITY ASSURANCE TRAINING: All exhibitors must have received Quality Assurance training or testing through a UNL Extension online program prior to the fair. Completion of training will be certified by county extension staff.

DIVISION 915 - FEEDER CALVES

Each exhibitor will be limited to four (4) entries. Entries must be born between January 1 and June 1 of the current year.

Calves to be exhibited in this class must be ear-tagged (with official Nebraska 4-H Beef Tags), identified on form 4-HF 110, and recorded at the Extension Office by June 1.

All breeds will show in one class. If a class is too large, it will be divided at the discretion of the Beef Superintendent. No calf may show in both the Feeder Calf Class and a Breeding Heifer Class. Feeder calves may be brought and taken home the day of the show.

Classes:
901. Feeder Steers
902. Feeder Heifers
903. Feeder Bulls

DIVISION 11 - MARKET BEEF

All Market Beef must be owned by the member making the entry and will be shown by the owner. Entry will be shown in respective class of steers or heifers. No individual may show more than a total of two (2) market beef animals per entry number. Weight classes will be determined by the superintendent. Market Beef must be born in the previous year.

Market Beef must be identified, weighed and ear tagged with official Nebraska 4-H beef tags by April 1. State Fair and Ak-Sar-Ben entries must have DNA test on file by April 1.

No animal may show in both a Market and Breeding Classes.

Classes:
910. Market Steers
50. Market Heifers
BEEF BREEDING HEIFERS
Purple $10.00  Blue $9.00  Red $8.00

No individual may show more than four beef breeding heifers. Beef breeding heifers must be identified by June 1. No animal may be shown in both a Market and Breeding Classes.

There must be one or more of one breed to constitute an individual breed section. Inadequate numbers will show in Commercial. Classes can be made at the discretion of the Beef Superintendent.

DIVISION 12 - ANGUS
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015

*DIVISION 916 - Mainetainer
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015

DIVISION 13 - CHAROLAIS
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015

DIVISION 14 - CHIANINA
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015

DIVISION 15 - COMMERCIAL
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015
DIVISION 17 - HEREFORD & POLLED HERFORD
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015

DIVISION 19 - MAINE ANJOU
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015

DIVISION 20 - RED ANGUS
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015

DIVISION 21 - SHORTHORN
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015

DIVISION 22 - SIMMENTAL
Classes:
901. BRED HEIFER born before Dec. 31, 2013
902. HEIFERS calved Jan. 1, 2014 to April 30, 2014
903. HEIFERS calved May 1, 2014 to Aug. 31, 2014
904. HEIFERS calved Sep. 1, 2014 to Dec. 31, 2014
905. HEIFERS calved Jan. 1, 2015 to April 30, 2015

*DIVISION 917 - COW AND CALF
Purple $10.00   Blue $9.00   Red $8.00
Cow/Calf must be a mother and calf (bull, steer, or heifer). Calf is eligible for feeder calf class. A heifer calf can only be shown in either a breeding heifer or feeder class. Cow is NOT eligible for breeding heifer class. Identification sheets must be in the extension office by June 1.

* 901. Cow and Calf (arrangements for classes will be made at the fair).
**DIVISION 918 - BUCKET CALF**

Identification sheets are due to the Extension Office by May 1. Record books are due to the Extension Office by July 1.

OVERALL PREMIUM  
Purple $7.00  Blue $6.00  Red $5.00

RECORD BOOK PREMIUM:  
Purple $5.00  Blue $4.00  Red $3.00

Record Book Premiums: The record books are judged separately and awarded a ribbon award. Then the scores are included with the overall project. There will not be a champion or reserve champion record book.

Entries may be heifer or steer calves, either beef or dairy, born between February 1st and May 1st of the current year, and enrolled in the 4-H Bucket Calf Project.

Each Exhibitor will be limited to one entry.

**NO CLIPPING ALLOWED FOR ANY CLASS!**
The Bucket Calf Project is based on a 50 point system. Following are the values: Record Book (15 points), Interview (15 points), and Showmanship (20 points). In the case of a tie, the overall top 2 will return to the ring. Judge will then award Champion and Reserve Champion.

Calves will be shown in special classes only and according to rules in the Bucket Calf Project. Interviews will be held the morning of the show. Refer to schedule for times. The Order of the show will run starting with Advanced Bucket Calf (1st) Beginning Bucket Calf (2nd) and then Cloverkids (3rd). The returning bucket calf class will follow.

Classes may be split at the Bucket Calf superintendent’s discretion.

*901. Beginning Bucket Calf - youth 8 & 9 years old  
*902. Advanced Bucket Calf - youth 10 & 11 years old  
*903. Returning 2014 Bucket Calf -Market Steer or Heifer (eligible to show Saturday for showmanship).  
*904. Returning 2014 Bucket Calf - Breeding Heifer (eligible to show Saturday for showmanship.)  
*905. Bucket Calf Record Book  
*906. Cloverkids - youth ages 5 to 7 years old. This is a non-competitive participation, but will have the experience of the project.

**DIVISION 919 – Miniature Cattle**  
Purple $7.00  Blue $6.00  Red $5.00

Class:  
901. Miniature calf
DIVISION 10 - BEEF SHOWMANSHIP
Purple $7.00  Blue $6.00  Red $5.00

See rules and age requirements under Showmanship. Returning Bucket Calf exhibitors may participate in the Saturday beef showmanship classes in their appropriate age division.

Classes:
902. Senior Beef Showman
903. Intermediate Beef Showman
904. Junior Beef Showman

DEPARTMENT G—SHEEP

Purple $7.00  Blue $6.00  Red $5.00

ALL sheep will be weighed on Wednesday, July 8 starting at 9:30 a.m.

QUALITY ASSURANCE TRAINING: All exhibitors must have received Quality Assurance training or testing through a UNL Extension online program prior to the fair. Completion of training will be certified by county extension staff.

Each exhibitor may show two breeding ewes, four market lambs, and one ram. Sheep must be identified and ear tagged with official Nebraska 4-H Sheep tags by June 1. All registered sheep must have a copy of their registration papers attached to the ID on June 1.

ALL Market Sheep to be shown at Ak-Sar-Ben and State Fair must have hair samples for DNA on file by JUNE 1.

All 4-H Market lambs and Feeder lambs must be clip sheared completely.

Sheep dropped after January 1, 2015 are classed as lambs. Sheep dropped between January 1, 2014 and December 31, 2014 are classified as yearlings. Two lambs may be taken from the pair of market lambs and shown as individuals or other lambs owned by the exhibitor can be shown in the individual class. Market lambs may be either sex and cannot be shown in the class for breeding ewes.

Market lambs must weigh at least 86 pounds. Any lambs weighing 85 pounds or less will be considered feeder lambs and judged accordingly.

At the discretion of show management, any animal will be subject to both urine and blood analysis for diuretics and antibiotic compounds.

NO Hot Shotting or Inhuman Treatment of Animals. Exhibitor will be dismissed from showing at the Sheep Show during the fair.
**DIVISION 931 – MARKET & FEEDER LAMB**
Classes:
901. Market Lamb
902. Pair of Market Lambs
903. Feeder lamb
904. Pair of Feeder lambs
905. Ram Lamb-Yearling (Registered Only)

**DIVISION 32 - BREEDING EWES**

Ewes born prior to 9/1/2013 are ineligible to show.

Classes:
908. Overall breeding ewe lambs
909. Overall breeding yearlings

Breeding ewe classes will be determined at time of show by the superintendent.

*DIVISION 932 - HAIR SHEEP*

All market hair lambs, regardless of sex or color, should be entered in the class “Hair Market Lamb”. No Rams allowed.

Class:
*912. Hair Market Lamb

**SHEEP SHOWMANSHIP**

   Purple $7.00   Blue $6.00   Red $5.00

See rules and age requirements under Showmanship at the beginning of the Livestock Section.

**DIVISION 30 – SHEEP SHOWMANSHIP**

Classes:
902. Senior Sheep Showman
903. Intermediate Sheep Showman
904. Junior Sheep Showman
This is a Terminal Show. All hogs will be sent to process. All hogs exhibited must go to Tyson in Madison or Niman. Completed paperwork and affidavits must be turned in by July 1 to the Extension Office. Those with incomplete paperwork will not be allowed off the trailer or to show. All hogs will be transported Friday at 5:30 a.m. unless notified otherwise.

All exhibitors must provide Premise ID number and PQA number for all hogs.

PORK QUALITY ASSURANCE TRAINING: All exhibitors must have received Quality Assurance training or testing through a UNL Extension online program prior to the fair. Completion of training will be certified by county extension staff.

Hogs must be identified by June 1 at the Extension Office.

ALL Market Hogs to be shown at State Fair and Ak-Sar-Ben must have hair samples for DNA on file by June 1.

An exhibitor is limited to showing four (4) hogs. To be eligible for this division the hogs must be farrowed after December 1 of the previous year. Either gilts or barrows may be shown. Hogs entered should weigh between 230 and 300 pounds. Over and underweight hogs are ineligible for championship. Hogs will be weighed and divided into classes by the superintendent.

Bedding will be provided by the fair board at no cost. (No straw.) All pens must be cleaned by the exhibitor the morning of shipping.

ALL hogs will be weighed from 7:30 a.m. to 9:30 a.m. WEDNESDAY, JULY 8 ONLY. Eartags must be in ears of all hogs before entering scale. Exhibitors must be on hand at this time. The show will begin Thursday, July 9 at 9:00 a.m.

Hogs must be shown without oil, powder, or any other coat dressing compounds considered objectionable by the packer. Pigs found in violation will be disqualified from the live show and the carcass show. They will also be subject to price discounts imposed by the packer for such compounds.

DIVISION 35
Each exhibitor is limited to showing four hogs.

Classes:
910. Market Barrow
915 Market Gilt
920. Pair of Market Hogs (can be a barrow and a gilt, or same sex)
930. Carcass Contest – Ribbon placings are determined by Department Superintendent.
**DIVISION 35 - HOG SHOWMANSHIP**

Purple $7.00  Blue $6.00  Red $5.00

See Rules and age requirements under showmanship at the beginning of the Livestock Section.

Classes:
902. Senior Hog Showman
903. Intermediate Hog Showman
904. Junior Hog Showman

**DEPARTMENT G—DAIRY CATTLE**

Purple $10.00  Blue $9.00  Red $8.00

**QUALITY ASSURANCE TRAINING:** All exhibitors must have received Quality Assurance training or testing through a UNL Extension online program prior to the fair. Completion of training will be certified by county extension staff.

Dress Code: See General Livestock Rules.

Each exhibitor may show three dairy animals as individuals. Dairy cattle must be identified by June 1.

**DIVISION 41 - AYRSHIRES**
**DIVISION 42 - BROWN SWISS**
**DIVISION 43 - GUERNSEYS**
**DIVISION 44 - HOLSTEINS**
**DIVISION 45 - JERSEY**
**DIVISION 46 - MILKING SHORTHORN**
**DIVISION 47 - CROSSBRED**

Classes:
10. Spring Heifer Calves (3/1/15 to 4/30/15)
20. Winter Heifer Calves (12/1/14 to 2/28/14)
30. Fall Heifer Calves (9/1/14 to 11/30/14)
40. Summer Yearlings (6/1/14 to 8/31/14)
50. Spring Yearlings (3/1/14 to 5/3/14)
60. Winter Yearlings (12/1/13 to 2/29/14)
70. Fall Yearlings (9/1/13 to 11/30/13)
80. Dry Cow Any Age
90. Two Year Olds (9/1/12 to 8/31/13)
110. Three Year Olds (9/1/11 to 8/31/12)
120. Four Year Olds (9/1/10 to 8/31/11)
130. Five+ Year Olds (prior to 9/1/10)
140. Junior Dairy Herds

*Animals born after 8-31-13 that have calved must be shown as two-year-olds in a dry cow class.*
Junior Dairy Herd - three females, at least one of the three must be cow that has freshened long enough to have a projected M.E. record; at least one must be bred by exhibitor and all three are to be of the same bred.

DIVISION 40 - DAIRY SHOWMANSHIP

Purple $7.00  Blue $6.00  Red $5.00

See Rules and age requirements under showmanship at the beginning of the Livestock Section.

Classes:
902. Senior Dairy Showman
903. Intermediate Dairy Showman
904. Junior Dairy Showman

DEPARTMENT G—DAIRY GOATS

Purple $7.00  Blue $6.00  Red $5.00

QUALITY ASSURANCE TRAINING: All exhibitors must have received Quality Assurance training or testing through a UNL Extension online program prior to the fair. Completion of training will be certified by county extension staff.

An exhibitor is limited to showing four dairy goats. All goats must be identified by June 1.

NO BILLY GOAT CLASS WILL BE OFFERED.

*DIVISION 940

Classes: (Classes will be determined at fair.)
901. Does under one year, not in milk
902. Does over one year and under two, not in milk
903. Milking does
904. Mother - Daughter
905. Get of Sire
906. Junior Herd

*DIVISION 941 - DAIRY GOAT SHOWMANSHIP

Purple $7.00  Blue $6.00  Red $5.00

See Rules and age requirements under showmanship at the beginning of the Livestock Section.

Classes:
905. Senior Dairy Goat Showman
906. Intermediate Dairy Goat Showman
907. Junior Dairy Goat Showman
QUALITY ASSURANCE TRAINING: All exhibitors must have received Quality Assurance training or testing through a UNL Extension online program prior to the fair. Completion of training will be certified by county extension staff.

An exhibitor is limited to showing 3 meat goats. All meat goats must be identified on the official 4-H ownership affidavit (4HF111) and ear tagged with the official Nebraska 4-H ear tags by June 1 of the current year.

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

Meat Goats will be weighed during Sheep weigh-in on Wednesday, July 8 at 9:30 a.m.

The meat goat show will follow the Sheep show on Friday, July 10.

DIVISION 58 - MEAT GOAT

Classes:
10. Market Goat - withers and does

DIVISION 58 - MEAT GOAT SHOWMANSHIP

Classes:
*902. Senior Meat Goat Showmanship - youth 14 years and older
*903. Junior Meat Goat Showmanship - youth 13 years and under

DEPARTMENT G—HORSE

Regulations, dress code, procedures and score sheets will be those set forth in "4-H Horse Show and Judging Guide" 4-H 373 available at the County Extension Office.

At County level, ONLY an exhibitor can participate in both English and Western Classes.

Trainers and adults are not allowed to exercise, work out, or ride 4-H’er’s horses at 4-H horse shows.
Seniors will start all classes.

Any horse not controlled at all times by his rider or handler may be dismissed or not allowed to enter his or her class at the discretion of the superintendent.

Any decisions as to eligibility will be made by the superintendent and the judge.

Level 1 test must be passed before entering county fair.

The DESIGNATED AREA for riding of horses will be the second arena east of the grandstand. Riding of horses in non-designated area will cause forfeit of premium money. Horses will be excluded completely from certain other areas because of the hazards to other exhibitors and people attending the fair. Horse exhibitors are urged to observe these restrictions and to use caution with their animals at all times. Please do NOT ride or take horses near areas selling food, or in the livestock area.

NO riding double. Only the exhibitor is allowed on his/her horse.

ALL horses must be in their stalls by 10:00 p.m. each night and remain in stall all night.

NO 4-H or FFA horse can be shown unless identification papers are recorded at the County Extension Office prior to June 1.

ALL horses must be pre-entered for fair classes. Horses must be in place by NOON, Wednesday, July 8, 2015. Identification sheets will be checked at this time.

Two exhibitors may show the same horse, providing they are in separate age groups.

**DIVISION 960 - ENGLISH CLASS (all ages unless entries warrant splitting)**

These English Classes will be the first classes on Thursday morning.

Classes:
909. English Pleasure
910. English Equitation

**DIVISION 961 - PLEASURE CLASS**

Classes:
909. Junior Division (8, 9, and 10 years old; 4-H age)
910. Intermediate Division (11, 12, & 13 years old; 4-H age)
911. Senior Division (14 years and older; 4-H age)

**DIVISION 974 - WALK TROT PLEASURE**

If enrolled in this class, you CANNOT enroll in any other pleasure class. Also, after winning champion or reserve, you must advance to the next level.

Class:
909. BEGINNING JUNIORS ONLY.
DIVISION 977 - PONY PLEASURE CLASS (14.2 hands and under)
Class:
909. Pony Pleasure

DIVISION 962 - HORSEMANSHIP CLASS
Classes:
909. Junior Division (8, 9, and 10 years old; 4-H age)
910. Intermediate Division (11, 12 & 13 years old; 4-H age)
911. Senior Division (14 years and older; 4-H age)

DIVISION 975 - WALK TROT HORSEMANSHIP
Class:
909. BEGINNING JUNIORS ONLY.
   If enrolled in this class, you CANNOT enroll in any other pleasure class.

DIVISION 978 - 2-3 YEAR OLD SNAFFLE BIT
Class:
909. 2-3 year old snaffle bit

DIVISION 963 - WESTERN RIDING
Classes:
910. Junior Division (8, 9, and 10 years old; 4-H age)
911. Intermediate Division (11, 12 & 13 years old; 4-H age)
912. Senior Division (14 years and older; 4-H age)

DIVISION 964 - REINING CLASS
Classes:
909. Junior Division (8, 9, and 10 years old; 4-H age)
910. Intermediate Division (11, 12, & 13 years old; 4-H age)
911. Senior Division (14 years and older; 4-H age)

DIVISION 965 - TRAIL CLASS
Classes:
909. Junior Division (8, 9, and 10 years old; 4-H age)
910. Intermediate Division (11, 12, & 13 years old; 4-H age)
911. Senior Division (14 years and older; 4-H age)

DIVISION 966 - POLE BENDING
Classes:
909. Junior Division (8, 9, and 10 years old; 4-H age)
910. Intermediate Division (11, 12, & 13 years old; 4-H age)
911. Senior Division (14 years and older; 4-H age)

SECTION 967 - BARREL RACING
Classes:
909. Junior Division (8, 9, and 10 years old; 4-H age)
910. Intermediate Division (11, 12, 13 years old; 4-H age)
911. Senior Division (14 years and older; 4-H age)
DIVISION 968 - BREAKS AWAY ROPING

Level II participants must complete our roping clinic. Level III participants do not have to attend the clinic. Exceptions made by the superintendent only. A release form must be signed by parents.

Classes:
910. Junior Division (13 years and under; 4-H age)
911. Senior Division (14 years and older; 4-H age)

DIVISION 969 - DALLY STEER ROPING

Level II participants must complete our roping clinic. Level III participants do not have to attend the clinic. Exceptions made by the superintendent only. A release form must be signed by parents.

Classes:
912. All qualified participants- Heading
913. All qualified participants - Heeling

DIVISION 970 - ROPING

Class:
914. Stationery Head on Foot - All ages
   (Ribbon & Premiums only)

DIVISION 971 - HALTER CLASS

Trophy given to overall Mare & Gelding Class

Classes:
909. Weanlings
910. Yearlings
911. 2 - 3 Year Olds

Enter only one class:
912. 4 Year Olds and Older Performance Geldings
913. 4 Year Olds and Older Stock Geldings
914. 4 Year Olds and Older Performance Mares
915. 4 Year Olds and Older Stock Mares

DIVISION 972 - WORKING RANCH HORSE

Classes:
909. Junior Division (13 years and under, 4-H age)
911. Senior Division (14 years and older; 4-H age)
HORSE SHOWMANSHIP

Purple $7.00  Blue $6.00  Red $5.00  White $4.00

See Rules and age requirements under showmanship in the front of the book.

DIVISION 973
Classes:
909. Senior Horse Showman
910. Intermediate Horse Showman
911. Junior Horse Showman

DIVISION 976 - GOAT TYING
Classes:
909. Junior Division (13 years and under)
910. Senior Division (14 years and older)

SMALL ANIMALS

Pre-enter small animals on entry forms prior to JUNE 15 so that cages and space can be arranged and assigned. Cage assignments will be posted.

When showing a small animal, a 4-H member must wear a 4-H chevron on his/her white shirt or wear a Madison County 4-H shirt. Exhibitor must be present during show. Substitutes will be allowed only by prior approval of the superintendent.

Exhibitors must be enrolled in the project to show at the fair. Exhibitors provide their own fans.

Health of Animals: All animals should be free of fleas, ticks, ear mites, ringworm, any internal and external parasite and infectious disease. If an animal’s shows the possibility of being contagious or sick, it will be disqualified and dismissed at superintendent’s discretion.

Dress Code: Exhibitors are required to wear a 4-H t-shirt, blue jeans, and closed toed shoes. No flip flops or sandals are allowed. 4-H’ers will be judged on the neatness of their appearance and their knowledge of their animal.

DEPARTMENT G—EXOTIC ANIMALS

EXOTIC SHOW WILL BE FRIDAY, JULY 10 AT 1 P.M. AT THE LIVESTOCK ARENA

Exhibitors are limited to three animals per class.
Exhibitors are judged on how well they react with the animal, how well the animal is trained and presentation of animal to judge. Control over animal and knowledge of anatomy/physiology will be judged.

Purple $7.00  Blue $6.00  Red $5.00

*DIVISION 988 - Large Exotics Animals (Llama’s Alpaca, etc.)
Class:
*901. Four legged Exotics

*DIVISION 989 - Small Exotics (Pygmy Goat, etc.) NO Pot Belly Pigs
Class:
*902. Four legged

DEPARTMENT G—POULTRY

POULTRY SHOW IS SATURDAY, JULY 11 AT 11 A.M. AT THE SMALL ANIMAL AREA

QUALITY ASSURANCE TRAINING: All exhibitors must have received Quality Assurance training or testing through a UNL Extension online program prior to the fair. Completion of training will be certified by county extension staff.

Crossbred chickens are not eligible for trophies. Testing and Examination - birds entered are subject to testing of any type is the discretion of superintendent or staff.

CARE OF ANIMALS: Poultry must be cared for by the 4-H’er. Superintendents are not responsible for daily care. Animals will be dismissed and premiums forfeited in such case.

Health of Animals: All animals should be free of fleas, ticks, ear mites, ringworm, any internal and external parasite and infectious disease. If an animal’s shows the possibility of being contagious or sick, it will be disqualified and dismissed at superintendent’s discretion.

Dress Code: Exhibitors are required to wear a 4-H t-shirt, blue jeans, and closed toed shoes. No flip flops or sandals are allowed. 4-H’ers will be judged on the neatness of their appearance and their knowledge of their animal.

MUST HAVE OWN FEEDERS AND WATERERS. THEY WILL NOT BE PROVIDED.

Purple $5.00  Blue $4.00  Red $3.00

No more than 3 entries per class.
**DIVISION 920 - MARKET & PRODUCTION POULTRY**
Classes:
901. Broilers, Pen of three birds (ALL male or female) - under 4 pounds
902. Pullets, Pen of three
903. Roasters, Pen of three - over 4 pounds

**DIVISION 921 - TURKEY**
Classes:
902. Tom Turkey
903. Hen Turkey

**DIVISION 922 - PIGEON**
Classes:
901. Young Male
902. Old Male
903. Young Female
904. Old Female

**DIVISION 923 - OTHER POULTRY**
No more than 2 entries per class.
Classes:
901. Young Duck
902. Old Duck
903. Young Drake
904. Old Drake
905. Young Goose
906. Old Goose
907. Young Gander
908. Old Gander
909. Bantam Exotic, male- hatched during current year
910. Bantam Exotic, male - hatched prior to current year
911. Bantam Exotic, female - hatched during current year
912. Bantam Exotic, female - hatched prior to current year
913. Standard Poultry, male - hatched during current year
914. Standard Poultry, male - hatched prior to current year
915. Standard Poultry, female - hatched during current year
916. Standard Poultry, female - hatched prior to current year
917. Guinea
918. Peacock
919. Quail
920. Miscellaneous

**DIVISION 70 - Poultry Showmanship**
Purple $4.00  Blue $3.00  Red $2.00
Poultry Showmanship - Extension Circular (4-H 191) explains the rules and scorecard for this class. Please obtain your copy from the Extension Office to prepare for this class. It covers grooming your exhibit for show.
Classes:
901. Senior Division (14 year olds and over)
902. Intermediate Division (11, 12, & 13 year olds)
903. Junior Division (10 year olds and under)
904. Cloverbud Division (5-7 years old) – Participation ONLY

RABBIT SHOW IS WEDNESDAY, JULY 8 AT 1 P.M. AT THE SMALL ANIMAL AREA

Purple $5.00    Blue $4.00    Red $3.00

QUALITY ASSURANCE TRAINING: All exhibitors must have received Quality Assurance training or testing through a UNL Extension online program prior to the fair. Completion of training will be certified by county extension staff.

MUST HAVE YOUR OWN FEEDERS AND WATERERS. THEY WILL NOT BE PROVIDED FOR YOU.

CARE OF ANIMALS: Rabbits must be cared for by the 4-H’er. Superintendents are not responsible for daily care. Animals will be dismissed and premiums forfeited in such case.

No more than ten rabbits may be entered by one exhibitor and only two rabbits per class. Each rabbit may be shown in only ONE class (excluding showmanship).

Classes will be determined by superintendent and judge depending on number and breeds of rabbits for appropriate class. Meat rabbits will be weighed in at check-in time for classing.

Rabbits must have tattoos. **All Rabbits must have ID.** ID sheets need to be turned in to the Extension Office by June 1.

Health of Animals: All animals should be free of fleas, ticks, ear mites, ringworm, any internal and external parasite and infectious disease. If an animal’s shows the possibility of being contagious or sick, it will be disqualified and dismissed at superintendent’s discretion.

Dress Code: Exhibitors are required to wear a 4-H t-shirt, blue jeans, and closed toed shoes. No flip flops or sandals are allowed. 4-H’ers will be judged on the neatness of their appearance and their knowledge of their animal.

DIVISION 981 - MARKET CLASS
Classes:
902.   Fryer (3 to 5 ½ pounds)
903.   Meat (3 ½ - 5 ½ pounds)
904.   Roaster (5½ pounds and over)
DIVISION 983 - BREEDING CLASS

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<td>Senior (over 8 months)</td>
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DIVISION 80 - RABBIT SHOWMANSHIP CLASS

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Rabbit Showmanship - The 4-H rabbit project manual explains the rules for this class. An exhibitor must show his own animal. Only one animal can be used for the showmanship class.

Classes:
- 901. Senior Division (14 year olds and over)
- 902. Intermediate Division (11, 12, & 13 year olds)
- 903. Junior Division (10 year olds and under)
- 904. Cloverbud (5-7 year olds) Participation ONLY

DEPARTMENT G—CATS

CAT SHOW WILL BE FRIDAY, JULY 11 AT 9:00 A.M. AT THE ACTIVITIES CENTER

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Cats must be four months or older. Less than four months will not be accepted. Cats must be free of fleas, ticks, and ear mites, and of discharge from nose and eyes. All cats must be immunized for distemper and rabies. Exhibitors must provide written proof of vaccinations. No expectant or nursing mother cats and no female cats in heat may be entered.

Cats may be taken home following the show.

All cats must be caged in a container provided by the exhibitor. Cats on leashes and/or held by exhibitor may not be entered. A small water dish, litter pan and toweling or bedding should be provided by the exhibitors for the cage or container.

DRESS CODE: Exhibitors are required to wear a 4-H t-shirt, blue jeans, and closed toed shoes. No flip flops or sandals are allowed.

Exhibitor must be enrolled in the 4-H Cat Project by May 1 of the current year. Limit of two (2) cats per exhibitor and one (1) cat per class per exhibitor.
DIVISION 100 - 4-H CAT SHOWMANSHIP

Purple $3.50  Blue $3.00  Red $2.50

Class:
*910.  Cat Showmanship

Exhibitors must register for showmanship to be considered in that class. Exhibitors will be judged on grooming of cat, handling of cat from cage to judges table in addition to answering questions as to breed, age, type, and date of immunizations, sex, and general knowledge of cat. (NO LONGEST TAIL)

DIVISION 100 - CAT & KITTEN

Purple $5.00  Blue $4.00  Red $3.00

*920.  Long Haired Cat, fluffy tail
*930.  Short haired Cat
*940.  Kitten (4 months to 1 year old)

DEPARTMENT G—DOGS

DOG SHOW WILL BE SATURDAY, JULY 11 AT 9:00 A.M. MCLEG BUILDING

Purple $5.00  Blue $4.00  Red $3.00

The exhibitor may select the obedience class best suited for his dog, except dogs with the AKC "Companion Dog" degree may not compete in the Beginning Novices Obedience Class. Those with "CDX" or "UD" degree must be shown in the Obedience Class (open).

All dogs must be immunized for Rabies, Distemper, Hepatitis & Parvo virus. They must be up to date. All dogs must be on leash, kept under control and in the Dog Show Area. Females in season will not be permitted at the Show.

Age of Dog – a dog that is exhibited at the county fair must be six months or older. Agility dogs must be 18 months or older to participate.

DRESS CODE: Exhibitors are required to wear a 4-H t-shirt, blue jeans, and closed toed shoes. No flip flops or sandals are allowed.

Exhibitors should bring own cage or confinement. Dogs may be taken home following the show.

This is an unbentched 4-H Dog Show and may not be consistent with all AKC rules.

NUMBER OF ENTRIES PER EXHIBITOR - Youth may enter one showmanship class, two agility classes (using different dogs), and two obedience classes (using different dogs). Each dog can only be shown once per division. (Once in showmanship, agility, and obedience, NOT once in each age division).
DIVISION 700 - SHOWMANSHIP

Purple $4.00  Blue $3.00  Red $2.00

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

Classes:
*905. Junior Showmanship (ages 8-10 years old; 4-H age)
*910. Intermediate Showmanship (ages 11-13 years old; 4-H age)
*915. Senior Showmanship (ages 14-18 years old; 4-H age)

DIVISION 701 - OBEDIENCE CLASS

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

Classes:
10. Beginning Novice Division A - Handler and the dog being shown are both in their first year of county, state 4-H, or any other dog show experience.

20. Beginning Novice Division B - Exhibitor or dog is beyond first year of competition.

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

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

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

50. 4-H Open - all exercises off leash. Heel free and figure 8; drop on recall; retrieve on flat; retrieve over high jump; broad jump; long sit for three minutes and long down for five minutes, both with handler out of sight. Refer to Guidelines for Nebraska 4-H Dog Shows for jump heights/distances.

55. Graduate Open - Signal exercise, scent discrimination, directed retrieve, moving stand and examination, go out, and directed jumping.

60. Utility - The dog will perform five exercise - the signal exercise; the scent discrimination exercise with leather and metal objects; the direct retrieve; moving stand and examination; directed jumping. Exhibitors must supply their own scent articles and gloves for the directed retrieve.
DIVISION 986 - Agility

Classes:

*971. Agility Level 1 - to include the following obstacles: 2 bar jumps, dog walk, pause box, open tunnel. Run on leash

*972. Agility Level 2 - to include the following obstacles: 4 bar jumps, open tunnel, dog walk, hoop jump, pause box, collapsed tunnel, and solid jump. Run on leash.

*973. Agility Level 3 - to include up to 6 jumps, open tunnel, collapsed tunnel, pause box, 5 weave poles, hoop jump, dog walk, and seesaw.

Classes may be combined depending on the number of entries.

Schedule will be as followed:
- Agility
- Showmanship
- Obedience
- Peewee / Cloverbud Class will be included (ages 5-7)

DEPARTMENT G—COMPANION ANIMALS

Purple $3.50  Blue $3.00  Red $2.50

Exhibitors must be present when their exhibits are judged. Classes will be determined at the discretion of the small animal judge. Exhibitors must provide own equipment. Only one exhibit per class. These exhibits are to be brought and taken home the day of the show.

Health of Animals: All animals should be free of fleas, ticks, ear mites, ringworm, any internal and external parasite and infectious disease. If an animal shows the possibility of being contagious or sick, it will be disqualified and dismissed at superintendent’s discretion.

Dress Code: Exhibitors are required to wear a 4-H t-shirt, blue jeans, and closed toed shoes. No flip flops or sandals are allowed. 4-H’ers will be judged on the neatness of their appearance and their knowledge of their animal.

Animals entered must be small household pets. NO wildlife or farm animals.

DIVISION 100

Classes and minimum age of animals to be shown:
1. Pet Rabbit: 9 weeks
2. Ferrets: 12 weeks
3. Chinchillas: 7 weeks
4. Guinea pigs: 4 weeks
5. Gerbils: 4 weeks
6. Hamsters: 4 weeks
7. Mouse: 4 weeks
8. Rat: 4 weeks
9. Hedgehog: 5 weeks
10. Companion Animal Poster -Poster division can include entries covering any companion animal (including reptiles, companion birds, or others). Poster should be the size of one full standard poster (should not exceed 22”x28”) board. Exhibitors should make a poster with information on the proper care of a companion animal (may include companion animals not exhibited in the Companion Animal Show). However, posters should not cover an animal the exhibitor is showing in the Companion Animal Show in another class. Exhibitors must be present at time of judging and will be judged on quality of the poster, accuracy of information provided, and ability of the exhibitor to explain the information and answer judge’s questions.

*912. Other small companion animal (with prior approval by Extension Office)

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**DEPARTMENT H—SCIENCE, ENGINEERING, & TECHNOLOGY (SET)**

Purple $3.50 Blue $3.00 Red $2.50 White $2.00

**DIVISION 850 - ROCKETS**

Exhibitor may enter three of the following classes. 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. 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 sideboard will be disqualified. A report protected in a clear plastic cover, must include 1) Rocket specification. 2) A flight record for each launching - weather, distance, flight height. 3) Number of launchings. 4) Flight pictures. (Obtain report form at the Extension Office).

The flight record should describe engine used, what rocket did in flight and recovery success. Points will not be deducted for launching, flight or recovery failures described. This includes any damage that may show on the rocket. Complete factory assembled rockets will not be accepted at the State Fair. Judging is based upon design of capabilities for flights; workmanship; rocket appearance, display appearance and the number of times launched. **Three launches are required** to earn the 25 launch points given on score sheet (Modified Score Sheet). For scoring for the State Fair, only actual launches count, misfires will not count towards one of the required three launches.
For self-designed rockets only, please include a digital recorded copy of one flight. In the documentation please include a description of stability testing before the rocket was flown.

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

DIVISION 850

Unit 2: Lift Off
Classes:
1. Rocket: Any skill Level 2 rocket with wooden fins painted by hand or air brush.

2. Display: Display exemplifying one of the principles learned in the Lift Off project. Examples include: display of rocket parts and purpose, interview of someone in the aerospace field, or kite terminology. Display can be any size up to 28" x 22".


Unit 3: Reaching New Heights
Classes:
4. Rocket: Any Skill Level 3 Rocket with wooden fins painted by hand or air brush.

5. Display: Display exemplifying one of the principles learned in the Reaching New Heights Project. Examples include airplane instrumentation, kite flying, or radio-control planes. Display can be any size up to 28" x 22".


Unit 4: Pilot in Command
7. Rocket: Any Skill Level 4 Rocket with wooden fins or any self-designed rocket.

8. Display: Display exemplifying one of the principles learned in the Pilot in Command Project. Examples include: flying lessons, or careers in aerospace. Display can be any size up to 28" x 22".

Careers:
20. Careers Interview - Interview someone who is working in the field of aerospace and research that career. Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font, and 1" margins. Multimedia reports should be between 3 to 5 minutes in length.

*DIVISION 985 - MODEL BUILDING
Purple $3.50  Blue $3.00  Red $2.50  White $2.00

Both models are to be mounted together on a Styrofoam base. Wheels should not be glued to base.

*916. Exhibit will consist of two models one of which must be auto.
*917. Exhibit will consist of two models. Models may be any kind that the member chooses (custom, antiques, planes, boats, etc.) Both models must be mounted together on Styrofoam.

*918. Exhibit will consist of two models. Members are encouraged to use background accessories, figures, or other items that relate to the model. All models must be approximately the same scale. Both models should be mounted together as a unit by a method of your choice.

**DEPARTMENT H—COMPUTERS**

**DIVISION 860 - Computers**

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Computer Mysteries Unit -2

Classes:

1. Computer Application Demonstration – 4-H exhibitor demonstrates how to accomplish a task using a computer application software such as a spreadsheet, database, publishing, graphic design, accounting or precision farming program. This exhibit consists of a notebook (8.5x11 inches) which should include:
   1) Cover page
   2) 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  D) other tasks that can be accomplished using the computer application software and
   3) Print out of your project
   Examples: design a logo for your school; enhance a digital image for a newspaper story; manage a checking account; create a poster to publicize an event; or to design scrapbook pages, or other.

2. Produce a Computer Slideshow Presentation – Using presentation software like Microsoft PowerPoint and following the Checklist for Creating Your Next PowerPoint Presentation located at [http://go.unl.edu/duz](http://go.unl.edu/duz), the 4-H exhibitor develops a slideshow about a topic related to youth. The slideshow should include a minimum of 10 slides and no more than 25. Incorporate appropriate slide layouts, graphics and animations. Each slide should include notes for a presenter. The exhibit includes a copy of the presentation saved to a CD-ROM along with a printout of the notes pages in a clear plastic cover. Slide presentation should relate to one topic.

3. Teach an Adult – The 4-H exhibitor writes a report between 1 and 3 pages describing a situation in which he or she has taught an adult(s) a computer skill. The report should include pictures of the 4-H Member working with the adult(s). The report should be in a clear plastic cover.

Computer Mysteries - Unit 3

4. Produce an Audio/Video Computer presentation - Using presentation software a 4-H exhibitor designs a multimedia computer presentation on one topic related to youth. The presentation should be at least 2 minutes in length and no more than 5 minutes in length, appropriate graphics, sound and either a video clip, animation or voice over and/or original video clip. The presentation must be able to be played and viewed on a PC using Windows Media Player, Real Player, iTunes or QuickTime Player.
5. **Know How Know Now Computer Presentation** – Youth design a fully automated 2 to 5 minute 4-H “how to” video. Submissions should incorporate a picture or video of the 4-H’er, as well as their name (first name only), age (as of January 1 of the current year), years in 4-H, and their personal interests or hobbies. Videos should be designed for web viewing. Any of the following formats will be accepted: .mpeg, .rm, .wmv, .mp4, .ov, .ppt, or .avi. Submissions in this category will be put on the web.

6. **Build a Web Site** – Design a simple Web site for providing information about a topic related to youth using 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 isn’t live include all files comprising the Web site 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.

**Careers:**

10. **Careers Interview** - Interview someone who is working in the field of computers and research that career. Interviews can either be written or in a multimedia format (DC/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.

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**DIVISION 880 - GEOSPACIAL**

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

**Classes:**

1. **Poster** - Create a poster (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.

2. **4-H Favorite Places, or Historical Site Poster** - The 4-H exhibitor identifies a favorite place or historical site (including grave sites) in Nebraska. Exhibit should include latitude and longitude, digital picture, and local area map. Poster size should not exceed 22" x 30".

3. **GPS Notebook** - Keep a log of at least five 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.

4. **Geocache** - Assemble a themed geocache. Each geocache should be a watertight container. It should include a log book and pencil for finders to log their visits and may include small trinket, geocoins, etc. for the finders to trade. Documentation should include a title, teaser description and the geographic coordinates of intended placement. Register the site at geocaching.com include a print-out of its registry. The entry may include a photograph of the cache in its intended hiding place.
5. GIS Map - Create a GIS map with a least three data layers. The GIS should include both vector and roster data. Data may be obtained by using a GPS enabled device, downloading data from a reputable web site or digitizing. The GIS should have a theme/purpose and include a title, north arrow, legend, labels, scale bar and source. Maps may be of any subject of interest to the 4-H’ers. Include a 1-3 page report on why you chose the subject and map(s), how you created the maps(s) and the source of your data (use reliable sources such as the US Center for disease Control or the US Census Bureau). This project could include Hurricane Tracking maps (Create a GIS map for Hurricane Tracing with a geographic information system (GIS computer software application of the Atlantic Ocean, Pacific Ocean, or the Gulf of Mexico. The map should appear similar to the National Oceanic and Atmospheric Administration (NOAA) (http://www.nhc.noaa.gov/) Poster size should not exceed 22" x 30". Place report in plastic cover attached to the poster

6. GIS Thematic Map - Using any GIS software, create a thematic map. Thematic maps can utilize any subject of interest to the 4-H’er. Maps could be of Amelia Earhart’s journey, Sir Francis Drake’s voyage, population density maps, water usage maps, or 4-H projects in Nebraska (examples). Create a GIS Map using data from books and/or internet. Use reliable date, ex. U.S. Center for Disease Control or U.S. Census Bureau. Map any size for 8.5" x 11" up to 36" x 24", should include Title, Base map, Neat Line, North Arrow, and Legend. Identify the source of your information on the back of the map.

7. 4-H History Map – Include in a notebook:
   ✦ State name (Please identify the state for this historical point or person.)
   ✦ County where this historical point or person is located
   ✦ City or town associated with this historical point or person. Provide the street number and street name for the historical point or person.
   ✦ Include the name of the historically significant place or person in your county / state.
   ✦ Write a brief description of historical significance of 4-H place or person (a minimum of one paragraph).
   ✦ Date of significance: This date could be a founding date or event date for a significant site or a range of dates or event date for a significant person
   ✦ Name of founder (for the historically significant 4-H site, please name the individual credited with founding the site.)
   ✦ Resources: Photos or video for the site or person of significance; include where you got the information.

Please provide any other relevant information. Report must include latitude in decimal degrees and longitude in decimal degrees. Look for information about the 4-H national History map at http://4-hhistorypreservation.com/news/?p=840 then go to http://goo.gl/vGF9nt for the data collection form to complete. Please submit your 4-H Historical map information on-line and include a copy of the submission in your notebook for the fair.

Careers:
10. Careers Interview - Interview someone who is working in a geo-spatial field and include research that career. Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font, and 1" margins. Multimedia reports should be between 3 to 5 minutes in length.
DIVISION 861 - ROBOTICS

Purple $3.50  Blue $3.00  Red $2.50  White $2.00

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

Classes:
1. Robotic Poster - Create a poster (14"x22") 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.

2. Robotics Notebook - Explore a robotics topic in-depth and present your findings in a notebook. Documentation should include any designs, research, notes, pseudo code, data tables or other evidence of the 4-H’ers learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, a programming skill, calibration, sensor exploration, or any of the topics suggested in Class 1.

3. Robotics Video – This class should be displayed in a notebook. The notebook should include a video clip on a CD/DVD that demonstrates the robot performing the programmed function. Include your pseudo code and screenshots of the actual code with a written description of the icon/command functions.

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

5. Robotic Sensor Notebook – Write pseudo code which includes at least one sensor activity. Include the code written and explain the code function.

6. Build a Robot (may use kit) – Include a robot and notebook including the pseudo codes 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.

7. Kit Labeled Robot - This class is intended for explorations of robotic components such as arms or vehicles OR educational kits marketed as robot 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.
DIVISION 870
Purple $3.50  Blue $3.00  Red $2.50  White $2.00

Units 1 & 2 are NOT ELIGIBLE for State Fair.

*Magic of Electricity - Unit 1
Classes:
*911.  Unit 1 Bright Lights: Create your own flash light using items found around your house. Flash lights should be made out of items that could be recycled or reused. No kits please.

*912.  Unit 1 Control the Flow: Make a switch. Use the following items: D cell battery, battery holder, insulated wire, 2 or 2.5 volt light bulb, bulb holder, paper clip, cardboard, and two brass paper fasteners to create a circuit that you can open and close.

*913  Unit 1 Conducting things: Make a circuit with a switch and a light bulb that can be used to test different household items for their ability to act as an insulator or conductor. You must find five items that are conductors and five items that are insulators. Create a table that illustrates your results.

*914  Unit 1 Is There a Fork in the Road: Use the following items to construct one parallel and one series circuit. Items: D cell battery, battery holder, insulated wire, bulb holder and a 2 or 2.5 volt light bulb.

*Investigating Electricity - Unit 2
Classes:
*915  Unit 2 Case of the Switching Circuit: Use the following items: two D cell batteries, two battery holders, light bulb, bulb holder, a 3inch by 6 inch piece of cardboard, six brass paper fasteners and approx. two feet of 24 gauge insulated wire to build a three way switch. Write a short essay or create a poster that illustrates how three ways switches function.

*916  Unit 2 Rocket Launcher: Construct a rocket launcher out of the following materials: a plastic pencil box that is at least 4inches by 8inches, single pole switch, single throw switch, normally-open push button switch, 40 feet of 18 or 22 gauge stranded wire, 4 alligator clips, 2- by 6- board 6inches long, 1/8 inch diameter metal rod, rosin core solder, soldering iron or gun, wire stripper, small crescent wrench, pliers, small Phillips and straight blade screwdrivers, drill, 1/8 inch and 1/4 inch drill bits, rocket engine igniters, additional drill bits matched to holes for two switches. You must successfully build a rocket launcher and light two rocket igniters with your launcher. You DO NOT have to actually fire a rocket off of the launcher. Create a poster using photographs to show the “step by step process” you used to build your launcher.
*917.  **Unit 2 Stop the Crime:** Build an ALARM using the following materials: On-off push button switch, mercury switch, buzzer-vibrating or piezoelectric, 9-volt battery, 9-volt battery holder, 4 inch by 4 inch by 1/8 inch Plexiglas board to mount circuit on; rosin core solder, soldering gun/iron, two feet of 22 gauge wire, wire strippers, hot glue sticks, hot glue gun and a plastic box with a lid to mount your alarm circuit on. Create a poster using photographs to show the “step by step process” you used to build your alarm.

*918.  **Quiz Board** - Game will be judged for usefulness, craftsmanship and wiring skill. Include battery or power supply to operate exhibit. Questions on the quiz board could deal with any topic.

**Wired for Power - Unit 3**

Classes:
1. **Electrical Tool/Supply Kit:** Create an electrical supply kit to be used for basic electrical repair around the house. Include a brief description of each item and its use. Container should be appropriate to hold items.

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

3. **Electrical Display/Item:** Show an application of one of the concepts learned in the Wired for Power project. Examples include: re-wiring or building a lamp, re-wiring or making a heavy duty extension cord or developing an electrical diagram of a house. Exhibit could be a poster display, or an actual item.

4. 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**

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

6. **Electronic Display:** Show an application of one of the concepts learned in the Electronics project. Examples include: components of an electronic device (refer to p. 35 of the Electronic manual).

7. **Electronic Project:** Exhibit an electronic item designed by the 4-H member or forms a manufactured kit that shows the electronic expertise of the 4-H member. Examples include: a radio, a computer, or a volt meter.

8. Poster should exemplify one of the lessons learned in the Entering Electronics Project. Posters can be any size up to 28” by 22”.
Careers:
10. Careers Interview - Interview someone who is working in the field of electricity and research that career. Interviews can either be written or in a multimedia format (DC/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.

DEPARTMENT H—POWER OF WIND

DIVISION 900 - POWER OF WIND
Purple $3.50    Blue $3.00    Red $2.50    White $2.00

Classes:
1. Engineering Notebook – Your engineering notebook may include sketches of designs, notes of engineering questions you have, or answers to questions posed within the project manual, pictures as you complete exercises within this project, or big ideas you have while participating in this project. The notebook submitted in this class should be a working engineering notebook, not a scrapbook. Please include your name, county, and age on the front cover.

2. Wind Poster – Poster should exemplify one of the lessons learned in the Power of Wind project. Posters can be any size up to 28" by 22".

3. Mini Turbine Blade Energy Display – Develop a pinwheel display that demonstrates the working power of wind. Follow guidelines on page 18 and 19 of your manual. Display should include a notebook description of the effectiveness of at least three different designs or materials. Please do not include pennies with your display.

4. Wind Art or literature written piece – Item should illustrate or represent wind turbines, wind power, or something from the power of wind curriculum, for example a pinwheel or item may be original story or poem written by the exhibitor about wind.

5. Wind as Energy Display – Item should be the original design of the 4-H’er. Include the item, or a picture if item is in excess of 6’ tall or 2’x2’. Include a notebook of why the item was designed and how it harnesses the power of wind.

6. Careers Interview - Interview someone who is working in the field of wind and research the career in wind. 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.
Purple $3.50  Blue $3.00  Red $2.50  White $2.00

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

Requirements: All articles exhibited must include a plan stating dimensions and other critical instructions a builder would need to know to build the project. Plans may include narrative instructions in addition to the dimension drawings. 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 members must be in UNIT 3 or Unit 4 for the exhibit to be considered for State Fair.

*DIVISION 911
Units 1 and 2 are NOT ELIGIBLE for State Fair.

*Measuring Up - Unit 1
4-H member may exhibit 3 items in Class 911.

Class:
*911. First Woodworking Article: Item made using skills learned in the Measuring Up Project Guide. Examples include: recipe holder, stilts or other skill level appropriate item. Items must be entered with construction plans.

Making the Cut - Unit 2
4-H member may exhibit 3 items in Class 914

Class:
*914. Woodworking Article: Item made using skills learned in the Making the Cut project guide. Examples include: birdhouse, foot stool, napkin or letter holder. Items must be entered with construction plans.

Nailing It Together - Unit 3
Classes:
1. Woodworking Article: Item made using skills learned in the Nailing it Together manual. Examples include: bookcase, coffee table or end table. Plans must be included.

2. Woodworking Display exemplifying one of the principles learned in the Nailing It Together Project. Examples include: measuring angles, wood lamination and joint types.

5. Recycled Woodworking Display – Article made from recycled, reclaimed or composite wood. Article must be sanded and 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) Evaluate (How does your item solve the original need?)
6) Present results (How would you do this better next time?)

Finishing Up - Unit 4

Classes:
3. Woodworking Article: item made using skills learned in the Finishing It Up Project. Examples include: dovetailing, making a pen using lathe, overlays, using a router, etc. Plans must be included.

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

6. Recycled Woodworking Display – Article made from recycled, reclaimed or composite wood. Article must be sanded and 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) Evaluate (How does your item solve the original need?)
6) Present results (How would you do this better next time?)

10. Careers Interview - Interview someone who is working in the field of woodworking and research that career. Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font, and 1” margins.
All metal welding process accepted.

All welds in Classes 1 and 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 weld process (stick, MIG, TIG, Oty-Acetylene, etc.) 2) kind of weld, 3) welder setting, 4) electrode/wire/rod size, and 5) electrode/wire/rod I.D. number. Attach a wire to display board so it can be hung like a picture frame.

DIVISION 920 - ARCS AND SPARKS

Classes:
1. Welding Joints - A display of one butt, one lap and one fillet weld.
   - All welds should be made with the same electrode/wire/rod size and number.
   - Welds should be made only on one side of metal so penetration can be judged.
   - Welds should be cleaned with chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.
   - 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; 1/8" if using .023 wire
     - Oty-Acetylene
       Suggested coupon thickness 1/8"
       Suggested rod 1/8" mild steel rod

2. Position welds - A display showing three beads welded in the vertical down, horizontal and overhead positions.
   - 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"× 4" or on individual coupons that are about 2" × 4" inch and ¼" thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014 and E-6010 for DC reverse polarity only.

RU 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.

3. Welding article - Any shop article where welding is used in the construction. All plans and a bill of materials must be attached to the article. Protect plans with a cover.

RU 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.

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

DEPARTMENT H—ENTOMOLOGY

Purple $3.50 Blue $3.00 Red $2.50 White $2.00

Awards will be determined on the basis of variety of insects in the collection, correctness of identification or orders and overall neatness.

Specimens to be mounted properly and labeled with the date and location of collection, name of collector, and order name. Follow mounting and labeling instructions in the Nebraska 4-H Entomology Club Manual.

Purchased insects and other insects - not collected by a 4-H’er can be included, but must have accurate labels and will not be counted in meeting minimum requirements for the exhibit. Boxes to be not more than 12" high x 18" wide x 3” deep.

DIVISION 800

Classes:
1. Entomology display - First year project - Collection to consist of 25 or more different kinds (species) of insects representing at least 6 orders. Limit of one box.

2. Entomology display - Second year project - Collection to consist of a minimum of 50 kinds (species) of insects representing at least 8 orders. Replace damaged or poorly mounted specimens. About 25 species should be after July 1 of previous year. Limit 2 boxes.
3. Entomology display - Third or more year project - Collection to consist of a minimum of 75 kinds (species) of insects representing at least 10 orders. Replace damaged or poorly mounted specimens. About 25 species should be from July 1 of previous year. Limit of 3 boxes.

4. Special Interest Display - Educational display developed according to individual interests and abilities. Examples include a collection from a specific insect group (e.g. butterflies, grasshoppers) or by subject (e.g. insect pests of corn, aquatic insects, insect mimicry, etc.) a research project, special report, poster display, insect scrapbook, artwork, etc. Poster displays should be no larger than 22” x 28”. Other displays are restricted to a base area no larger than 22” x 28”. Nor should height be over 24”. Research projects should include a report about methods and results, as well as a brief discussion about what was learned. Artwork should include brief information about the work. Each display should be self-explanatory so that the audience can understand it without help.

5. Insect Habitats – Habitats consist of any hand-crafted objects, made of natural or artificial materials, placed outdoors, which promote or conserve insects in the environment. Insects may include bee pollinators, butterflies, beneficial insects, etc. A one-page report must accompany the exhibit.

6. Macrophotography – Subjects should be insects, spiders, or other arthropods, or any nests, webs, or constructions they make. All exhibit prints should be 8 ½ by 11 and mounted on rigid, black 11 x 14 poster or matt board. Either orientation is acceptable. No frames, please. A short caption explaining the subject, printed on white paper, should be glued below print.

DEPARTMENT H—VETERINARY SCIENCE

Purple $3.50  Blue $3.00  Red $2.50  White $2.00

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.

A Veterinary Science exhibit may consist of a poster, notebook, or display. The exhibit may represent material from any of the Veterinary Science projects including entry level exhibits from Unit I.

If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves, and other appropriate veterinary medical practices.
First-Aid Kits: Because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, NO ANIMAL FIRST AID KITS WILL BE PERMITTED. Animal first aid kits submitted will be immediately disqualified and not shown.

Veterinary Science Posters
This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22” x 28” and may be either vertical or horizontal.

Veterinary Science Displays
A display may include but is not limited to: a 3-dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook.
A display is not a poster.
A display may be mounted on poster board not to exceed 22” x 28” or on 1/4” plywood or equivalent that does not exceed 24” high or 32” wide or in a 3-ring binder or another bound notebook format.

✦ When creating your posters DO NOT use the word “symptoms” use the word “signs”.
✦ USE YOUR OWN WORDS!
✦ Include references on your poster as well. Can be either on front or back.

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 and quality
✦ Efficient and safe livestock working facilities
✦ Or a topic of the exhibitors choosing

**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, interview with veterinarians, and excerpts from Veterinary Education Literature.

Division 840

Classes:
1. 4-H Veterinary Science Large Animal Poster, Notebook, or Display
2. 4-H Veterinary Science Small Animal/Pet Poster, Notebook, or Display
DEPARTMENT M—OTHER PROJECTS & EXHIBITS
(NOT ELIGIBLE FOR STATE FAIR)

ALL DEPARTMENT M PROJECTS WILL BE JUDGED INTERVIEW METHOD
SATURDAY, JUNE 27 AT THE FAIRGROUNDS

*DIVISION 988
Purple $2.50   Blue $2.00   Red $1.50   White $1.00

PROJECT DAY (held February 28, 2015)
4-H Members who attend the Project Days may exhibit up to 5 items they made that day.

Class:
* 902. Items made at Project Day – Items made at Project Day that DO NOT fit any other category.
   Candle Making, Yarn Wrapped Jar, and Painted Jar

*DIVISION 990 LEATHERCRAFT

*BEGINNING LEATHERCRAFT
Purple $2.50   Blue $2.00   Red $1.50   White $1.00

Each article should be labeled to indicate if it was made from a kit or if it was cut and designed by
the 4-H member.

*918. Beginning Leather craft Item (ex. Simple billfold, eyeglass case, bookmark, dog collar)

*ADVANCED LEATHER CRAFT
Purple $2.50   Blue $2.00   Red $1.50   White $1.00

*926. Advanced Leather craft Item (ex. Wallet, purse, belt, spur straps). The article should show
   evidence of the following skills: lacing, carving, stamping and some lining.

*DIVISION 991 - SCRAP BOOKING
Purple $2.50   Blue $2.00   Red $1.50   White $1.00

Each scrapbook album will have a front cover and back cover with the pages firmly attached
between the covers. Each page will be covered with plastic page protectors.
Each scrapbook level will have a specific number of pages for judging:
   Beginner - 6 pages (3 front and back)
   Intermediate - 8 pages (4 front and back)
   Advanced - 10 pages (5 front and back)
Completed pages contain photos, memorabilia, documentation, decoration, etc. incomplete or
unfinished pages will not be judged or counted toward the required number of pages.
Each scrapbook album will have a label (please make your own and attach with string) with the 4-H member’s name, club and grade. The label will also list the page numbers that the 4-H member wishes to be reviewed for judging. The page numbers need not be written on the actual album pages, rather, attach a sticky note to each page that you want judged and number them so that the judge may make comments on a certain pages using a number reference.

*Please leave a blank page covered with a page protector at the end of your completed pages so that your scorecard can be inserted.

Photos and memorabilia must be included in each scrapbook, but not necessarily on each page. Some pages may contain only photos while others may contain only memorabilia. Be sure to include a variety in your list of pages to be judged. At least one piece of memorabilia should be included in your 10 pages.

Exhibit clean pages with clear handwriting. NO COMPUTER CREATIVE WRITING is allowed! Your handwriting is part of your heritage. Please use it! You MAY use computer creative lettering or sticker letters for page titles.

Journaling (labels, captions, stories, thoughts, ideas, etc.) should be used along with your photos and memorabilia. Without Journaling, over time, your pages become less meaningful to you and to others. Carefully proofread your spelling!

Using a variety of cropping techniques and page layouts will add interest and creativity to your album. Not everything needs to be cropped or arty; use nice balance, keeping in mind that the main focus is preservation and not how many fancy papers or stickers you can use on one page! Let your pictures, memorabilia, and journaling be the main focus.

Keep in mind the proper placement of photos, etc. in your album. Your scrapbook will be telling a story. Use chronology (putting things in the order they happened) or themes to organize your scrapbook.

Classes:
*990. Beginning Level scrapbook (ages 8, 9 & 10)
  ✦ Layout: 2-3 colors of paper per page; stickers and die cuts may be used but are not mandatory. Cropping: Straight cutting of photos, using regular scissors or paper cutter.
  ✦ Decorative scissors can be used on colored paper ONLY.

*991. Intermediate Level scrapbook (ages 11, 12, and 13)
  ✦ Layout: More creative layout. Creative borders and lettering may be used.
  ✦ Cropping: Circle, oval and other shaped templates may be used.

*992. Advanced Level scrapbook (ages 14 and up)
  ✦ Layout: May include pocket pages, quilt layouts, torn paper techniques, etc., but not every page has to be these types. Use techniques you have learned in previous divisions.
  ✦ Cropping: Silhouette cropping may be used in addition to techniques you have learned in previous division.
**DIVISION 992 - THEATER ARTS - Units I, II & III**

Purple $3.00  Blue $2.50  Red $2.00  White $1.50

937. Costume - Made or decorated by 4-H member for use in a theater arts production or clowning. Costume could be for self or others.

938. Puppet - Exhibit consists of a puppet made by the 4-H Member for use in theater arts or clowning production.

939. Script - A script written by 4-H member for a play, musical, skit, puppet show, or clown skit, or other type of theater arts production.

**DIVISION 993 - CLUB EXHIBITS**

**SECRETARY'S BOOK**

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

940. Secretary's Book

**NEWS REPORTS**

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

941. Display of news articles
The display of news articles shall consist of at least four news reports prepared by the news reporter of the club. These reports are to be mounted on a sheet of paper 8 1/2" by 11". If they are published include the published date and name of paper in which the article appeared. These articles will be judged on their value as news items. If your newspaper does not publish your articles, include the news reports you have prepared for the club. News reports may be posted on Madison County web site. Print a copy of the report on the website. Email a copy of your news report to the UNL Extension in Madison County for your report to be included on the office web site.

**DIVISION 994 - Miscellaneous Exhibits**

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

Limit of 4 exhibits per person.

A 4-H member may be taking a 4-H project for which we have not identified an exhibit at County Fair. Examples are: Lifetime Sports (archery, bowling, golf), bird watching, etc. We will accept any “You Be the Teacher” exhibit in which you share with the public what you learned in your project. Exhibit can be a poster, a display, a collection of photographs, a diary, notebook, etc.

947. Miscellaneous Exhibit
*948. Archery*
**DIVISION 995 - Bicycles**  
Purple $3.00  Blue $2.50  Red $2.00  White $1.50

Unit 1 Classes:  
*950. Documented Bike Riding Trip - Include a written report using a notebook or scrapbook about a bike ride or trip you have made.

*951. Bike Restoration – Exhibitors of bicycles need to restore/overhaul/upgrade a bicycle to include current safety features. A report must be included, covered by clear plastic, describing costs, repair costs, and what was done. “Before” and “after” photos should be included.

*952. Bicycle Poster showing road safety and traffic manners.

**DIVISION 996 - ATV**  
Purple $3.00  Blue $2.50  Red $2.00  White $1.50

*953. You Be the Teacher – Educational notebook, display, poster, collection of materials that relate to project. Include 8 ½ x 11” page describing exhibit and summary of learning.

*954. Safety Poster – Six photos of yourself demonstrating safety measure necessary for ATV operation.

*955. Safety Scrapbook – Journal of your ATV safety practices, completed manual 4H 271

**DIVISION 997 - LEGO/KNEX**  
Purple $3.00  Blue $2.50  Red $2.00  White $1.50

*956. 4-H’er may enter one item in this class. 4-H’er must create their own design. (NO KITS). Size no larger than 36” long x 24” wide by 36” high.

**DIVISION 998 - CLOWNING**  
Purple $3.00  Blue $2.50  Red $2.00  White $1.50

*957. Clown costume for self or others

*958. Clown Poster promoting clowning

*959. Clown Poster about clown make up, balloon tying or face painting

*960. Three balloon tied animals
For 4-H Members ages 5 – 7. All exhibits in this area are non-competitive and the 4-H Member will receive a clover kid ribbon. Below are some ideas for clover kids for exhibits in the project area they are enrolled.

**DIVISION 999**

Clover Kid Bucket Calf Project - entries are listed under the Beef, Bucket Calf Division.

Classes:

971. Project Day Exhibit

972. Family Celebration Around the World - A sign with your name and its meaning. Examples include: a Mexican decoration made by 4-H Member; a Boy’s Day kite; gift made for mother, father, brother or sister; a scrapbook about your family’s culture, such as food or traditions.

973. Theater Arts - A puppet, a picture of yourself in a costume you helped plan, a stage set in a box, a picture story.

974. A Space for Me - Mobile, name sign, finger painting, fold dip and dry, torn tissue design, crayon melt print or crayon sandwich, collage with a theme, banner, texture rubbings, seed picture, dough art item, drawer divider, storage box, fabric covered storage container.

975. Making Foods for ME (manual may be ordered by going to [www.marketplace.unl.edu](http://www.marketplace.unl.edu) then click on 4-H & Youth)

   a) **Making Food for Me Placemat.** Colored and decorated. Lamination or protection with clear contact paper advised. (Center page in Save a Place for Me project book)

   b) **Food Cards.** Neatly cut and colored Food Cards, in self-sealing plastic bag or other secure container. (Pages 67 - 69 Leaders Guide).

   c) **Grain Collage.** Neatly cut and pasted pictures of grains cutout and displayed on collage. (Page 40 Leaders Guide).

   d) **Dairy Tasting Party** Completed Dairy Tasting Party form from Project Book (Page 17). May be copied or cut from manual.

   e) **Protein Collage.** Neatly cut and pasted pictures of protein sources and foods displayed on collage. (Page 53 of Leaders Guide).


977. Bicycle Adventures - Picture of yourself in bicycle helmet, picture of you on your bicycle, drawings of traffic signs colored right colors, poster about bicycle safety.

978. Other exhibits of the Cloverbud’s choice.

979. Clowning - Picture or poster about clowning.
ALL FFA PROJECTS WILL BE JUDGED INTERVIEW METHOD
SATURDAY, JUNE 27 AT THE FAIRGROUNDS

All items entered in this department must be made by all-day students of Vocational Agriculture during the past school year. No items of furniture will be eligible for competition. Each article entered shall be clearly labeled with the name of the article, class number, name of student and cost of construction.

Shop projects will be judged on construction, workmanship, utility, design and material finish. Entry can only be shown at one county fair.

DIVISION 900 - LARGE CARPENTRY AND METAL PROJECTS

Purple $10.00  Blue $8.00  Red $6.00  White $4.00

Classes:
901. Hay rack
902. Wagon Box
903. Loading Chute
904. Feed Bunk
905. Hog House
906. Poultry House
907. Squeeze Chute
908. Repainting or other machinery
909. Other

DIVISION 901 - MEDIUM SIZED CARPENTRY AND METAL PROJECTS

Purple $5.00  Blue $4.00  Red $3.00  White $2.00

Classes:
910. Farm Gate
911. Work Bench
912. Sheep Feeder
913. Hog Crate
914. Picnic Table
915. Lawn Chair
916. Metal Hog trough
917. Other
DIVISION 902 - SMALL CARPENTRY AND METAL PROJECTS
    Purple $5.00   Blue $4.00   Red $3.00   White $2.00

918. Poultry feeder
919. Tool cabinet
920. Saw Horse
921. Show box
922. Nail Box
923. Display board of 6 forged projects
924. Display board of 6 welding projects
925. Other

DIVISION 903 - EXTRA LARGE PROJECTS
    Purple $15.00   Blue $13.00   Red $11.00   White $9.00

926. Livestock Trailer
927. Flatbed Trailer
928. Irrigation pipe trailer
929. Squeeze chute
930. Other Extra Large projects

DIVISION 904 - SOLDERING
    Purple $2.50   Blue $2.00   Red $1.50   White $1.00

931. Display board of at least 4 items

DIVISION 905 - ROPE
    Purple $2.50   Blue $2.00   Red $1.50   White $1.00

932. Display board of at least 12 common knots and splices
933. Display board of two rope halters

TICKET INFORMATION CAN BE FOUND ON BROCHURES AND POSTERS AT YOUR LOCAL BUSINESSES.