2015 Butler County Fair

Down On The Farm

July 21-26, 2015

2015 4-H & FFA Premium Book
Butler County Fairgrounds
3590 M Road
David City, Nebraska 68632
Phone: 402-367-3551 (during fair only)
Fair Website: http://www.butler-county-fair.com
Extension Office Website: http://www.butler.unl.edu
Extension Office Phone: 402-367-7410
Extension Office Email: butler-county@unl.edu

Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska-Lincoln cooperating with the Counties and the United States Department of Agriculture.

The 4-H Youth Development program abides with the nondiscrimination policies of the University of Nebraska-Lincoln and the United States Department of Agriculture.
The following community partners provided support to our 4-H program in 2014. Trophies and other awards were purchased with these donations. We appreciate the support and continued interest of these organizations, businesses and individuals to the Butler County 4-H program.

Those businesses and individuals who contribute towards the 2015 Butler County 4-H Award Program will be listed in next year’s fairbook as well as livestock show programs during the current year’s shows. Thanks for all your support!

**Platinum Clover Sponsor $100+**
- AgriGold Hybrids
- Bank of the Valley
- Bostelman Engineering, LLC
- Butler County Pork Producers
- Cornerstone Bank-Rising City
- Crook Limousin, Mike Crook
- Farm Bureau Financial Services
- First National Bank, David City Branch
- KV Vet Supply
- Timpte, Inc.

**Gold Clover Sponsor $70-$75**
- Ron & Shelley Papa

**Silver Clover Sponsor $50-$69**
- Benes Service
- Butler County Clinic
- Butler County Landfill & Recycling
- Dale’s Food Pride
- Hiltoppers II
- Gary & Bobbi Holeka
- Kobza Auction & Realty
- M & S Transfer
- Shirley Petersen
- Union Bank & Trust Co.

**Bronze Clover Sponsor $30-$49**
- Bar-S Veterinary Clinic
- Butler County Cattlemen’s Assn.
- Dale’s Food Pride
- Dan & Becky Kresha

**Green Clover Sponsor $10-$29**
- Eye Physician’s, P.C.
- Jones Insurance Agency
- Marvin & Colleen Coufal
- Oak Valley Lumber & Supply
- Oak Creek Valley Bank
- The Quilters

**Additional Sponsors:**
- Butler County Noxious Weed Control
- Kershner Club Lambs

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Auxiliary Vehicles

No motorized utility vehicles or auxiliary vehicles will be allowed for operation at the Butler County Fairgrounds. This includes but is not limited to golf carts, service carts, four/three wheelers, ATV’s & UTV’s.

All Butler County Ag Society vehicles will be marked with an appropriate badge. Only Butler County Ag Society members are allowed to drive authorized vehicles.
BUTLER COUNTY FAIR 4-H/FFA SCHEDULE OF EVENTS
Times and events subject to change without notice!
(Please refer to the open class fairbook for a complete fair schedule that includes open class entry times)

Tuesday, July 21
7 pm Tractor Driving Contest
7-9 pm Static Entries – 4-H& FFA
   4-H: Home Environment, Ag Engineering, Photography, Horticulture, Foods, Misc., etc. entries
   FFA: Farm Mechanics and Crop entries

Wednesday, July 22
8 am-12 noon Static Entries – 4-H & FFA; 4-H Entries: Home Environment, Ag Engineering, Photography, Horticulture, Foods, Misc.
   FFA: Farm Mechanics & Crops
   4-H Interview Judging
6 pm-10 pm Animal Entries: 4-H & FFA Beef, Sheep, Swine, Goats, Horse, Rabbits & Poultry
8 pm-9 pm 4-H & FFA Market Sheep & Market Goat Weigh-in – All Market Lambs and Market Goats
10 pm All large 4-H/FFA livestock must be in place

Thursday, July 23
7 am-9 am 4-H/FFA Swine Weigh-In
8 am 4-H Horse Show, horse arena
8 am-noon 4-H Rabbit & Poultry Entries
8:30 am 4-H/FFA Market Beef Weigh In
9:00 am 4-H/FFA Breeding Beef Check-In
11 am 4-H/FFA Sheep/Meat Goat/Breeding Goat Show
3:30 pm 4-H Poultry Judging
6 pm 4-H Style Show – Hain Building (new location)
     Static Exhibit Trophy/Awards Presentation/Pictures – Hain Building (new location)

Friday, July 24
8 am 4-H/FFA Swine Show
1 pm 4-H Small Animal Show followed by 4-H Rabbit Show
5 pm 4-H/FFA Special Award Pictures – Hain Exhibit Building

Saturday, July 25
8 am 4-H FFA Beef Show

Sunday, July 26
10 am Round Robin Showmanship Contest – Livestock Show Arena
11 am 4-H Livestock Subsidy Auction – Livestock Show Arena
     4-H Awards Presentation & UNL Dairy Store Ice Cream – Livestock Arena
8 pm Release of Exhibits

Monday, July 27
10 am Livestock removal and stall clean-up deadline

Tuesday, July 28
Exhibits not picked up on Sunday, July 26, will be available at the Extension Office.

NO COOLERS OR SMOKING ALLOWED IN THE GRANDSTAND AREA!

BUTLER COUNTY AGRICULTURAL SOCIETY MEMBERS

Officers:
President: Marilyn Smith
Secretary: Marilyn Zeilinger
Vice President: Steve Fuxa
Treasurer: Lane Sabata

Board of Directors:
Colleen Coufal
Daryl Crook
Jeff Duren
Steve Fuxa
Kevin Havlovic
Bob Kobza
Nancy Krenk
Becky Kresha
Tim Reimer
Lane Sabata
Randy Schultz
Marilyn Smith
Donnie Steager
Mandi Topil
Marilyn Zeilinger
### 4-H/FFA Pay Categories

<table>
<thead>
<tr>
<th>Pay Category</th>
<th>Purple</th>
<th>Blue</th>
<th>Red</th>
<th>White</th>
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<tbody>
<tr>
<td>1</td>
<td>$15.00</td>
<td>$12.00</td>
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<tr>
<td>7</td>
<td>$0</td>
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Premiums not picked up immediately following the fair, will be available for pick up at the Butler County Extension Office through August 15.

### General Information for All 4-H & FFA Members

#### Eligibility

4-H members must turn 9 years of age during the current calendar year. A 4-H’er becomes ineligible if he/she turns 20 years of age during the current calendar year. Voc. Ag & FFA exhibitors must be currently enrolled in a Butler County High School FFA program. All exhibits must be the work performed as part of the current year’s 4-H or FFA program, with the exception of Department G – Fall Harvested Crops.

#### What Entries May Be Made?

Only articles mentioned in the premium list will be given a placing. An exhibitor who is found to have tampered with or entered any exhibit that is not HIS or HER own work will forfeit any premium, ribbon and cash won. All exhibits are entered at exhibitor’s own risk. The Ag Society or University of Nebraska-Lincoln Extension in Butler County will **NOT** be responsible for lost or damaged items.

#### How to Make Entries

All clothing, sewing, style revue, livestock and exhibit hall entries and narration sheets (style revue) must be pre-entered to the Extension Office prior to June 26. However, an exhibitor may enter up to an additional 5 exhibits (static exhibits only – NO animals). Exhibitors must be enrolled in the project area corresponding to the additional exhibits.

#### Procedure on Making Entries

All entries – livestock and static – must be listed on the pre-entry sheet. Entry cards for static exhibits will be printed by the Extension Office staff and will be available for pick-up by the 4-H’er on Monday of fair week. Only one entry per person per class number may be made except in beef, sheep, goat, swine, dairy, rabbit and poultry classes.

### Notice to 4-H/FFA Exhibitors and Leaders

All State 4-H Rules will be followed unless otherwise stated. However, final decisions will be made by department superintendents and Extension/FFA personnel.

All 4-H/FFA premium money will be given during the fair. Livestock monies will be awarded at the livestock shows; exhibit hall premiums will be available at a specified time during the fair in the Hain Building. Exhibitors who exhibit in open class must also pick up their premium money at the same location.

Additional monetary awards, other than premiums, will only be awarded if donations are received for that specific category.

**ALL EXHIBITS** must be removed or arrangements made for removal between 8:00 pm and 10:00 pm on the Sunday or may be picked up on the Tuesday immediately following the fair. **STALLS AND PENS** must be left clean after livestock leaves the fair.

**STATE FAIR 4-H RULES** will be followed if this book does not cover the situation.

**ANY CLASS WITH AN ASTERISK (*) BESIDE IT IS NOT STATE FAIR ELIGIBLE.**

### State Fair Eligibility

A static entry must receive a purple ribbon to be considered for a State Fair exhibit and/or awards at the Butler County Fair. An entry with an asterisk (*) preceding the entry number is a county only entry, it is not eligible for State Fair competition.

### Substance Abuse Policy

The use or possession of alcoholic beverages or drugs (except for medical purposes) by an exhibitor who is participating in 4-H/FFA at the Butler County Fair will result in the immediate disqualification of that exhibitor’s entries.
APPEALS/PROTESTS

Any person, who feels that a violation of the rules or regulations of the Butler County Fair 4-H/FFA competitions has occurred, must go through a protest/appeals process. This appeals process covers all 4-H contests, static exhibits, and livestock exhibits/shows.

The respective superintendent has the authority to make appropriate decisions based on the 4-H/FFA Premium Book. When needed, the protest committee (consisting of respective superintendent, Ag Society representatives, 4-H Council representatives, FFA instructor and Extension Educator) will meet to act upon concerns. The FFA instructor will be asked to be present only when the situation involves FFA livestock or static entries. Protests for pre-fair contests/competitions must be submitted no later than 7 days after the contest/competition. Protests for fair exhibits/shows will not be accepted after the release exhibit time.

All protests must be submitted in writing and signed by the filing party in the time specified. The written protest must be submitted to the 4-H Youth Development Extension Educator and must include:

1. Name of person(s) involved.
2. Nature of concern
3. Situation and documentation
4. Recommendations for corrections
5. Specific action, rule, etc. in question
6. Additional person(s) committee may contact for further clarification
7. Procedures and/or steps carried out by person involved prior to submission of protest to the 4-H Youth Development Extension Educator and/or FFA Advisor.

The committee will review the written protest. They may discuss the situation with the affected persons and show/contest/exhibit officials/superintendents, including the Extension Educator-Unit Leader. Recommendations will be developed, followed and communicated both verbally and in writing to the group or the individual(s) affected.

In cases of protest, the exhibitor(s) may be allowed to exhibit/show/compete, but results of exhibiting/showing/competing will be subject to change based on the outcome of the protest process. This allows for the smooth operation of the shows/competitions and facilitates appropriate processing.

The management reserves the right to withhold premiums and/or awards. The exhibitor(s) may also be excluded from the show/exhibit hall/contest if action warrants. Protests related to the judges' integrity, decisions, placings or other evaluations will NOT be accepted.

4-H Program Participant/Parent/Guardian Code of Conduct

The primary goal of the 4-H Program is to help youth develop competency in their projects, confidence in themselves and others, connections to their community and sound character. Actions by persons (Parents, and 4-Her’s) involved with the 4-H Program will be consistent with the six core ethical values comprising good character: trustworthiness, respect, responsibility, caring, fairness and citizenship.

As a 4-H Participant/Parent/Guardian I will:

• Treat all people and property with respect, courtesy, consideration and compassion. Avoid and prevent put-downs, insults, name calling, swearing and other language or nonverbal conduct likely to offend, hurt or set a bad example.
• Keep informed about 4-H program policies and projects and read materials pertaining to the county 4-H program.
• Teach and model kindness and compassion for others. Recognize that all people have skills and talents which can be used to help others and improve the community. Teach and foster teamwork and discourage selfishness.
• Practice fair-mindedness by being open to ideas, suggestions and opinions of others. I will make all reasonable efforts to assure equal access to participation for all youth and adults regardless of race, creed, color, sex, national origin or disability. Decisions will be made fairly and treat all individuals and families with impartiality.
• Obey laws and rules as an obligation of being a good citizen. I accept responsibility for the proper treatment and care for other youth and adults, the program facilities and/or equipment.
• Demonstrate the responsible treatment of animals and stewardship of the environment.
• Not use alcohol or illegal substances (or be under the influence) while working with or participating in any part of the 4-H Program.
• Provide a safe environment for all parties involved in 4-H. I will protect those involved from sexual harassment, physical force, verbal or mental abuse, neglect, or other harmful behaviors.

4-H Parents, Guardian and/or Youth who do not abide by the above code of conduct, may receive the following consequences:

• Be asked to explain actions to the 4-H Council.
• Be dismissed from an event at own expense.
• Further disciplinary action determined by the 4-H Council, which may include:
  - restriction from contacting 4-H families, volunteers, donors, and/or sponsors pertaining to any 4-H matter
  - becoming ineligible to attend any further 4-H activities
  - family may become ineligible to participate in the County 4-H Program
• Reimburse the proper entity for any property damage or for liability resulting from inappropriate actions. In the case of vandalism, guilty party may be required to reimburse 4-H and/or the facility.

*By entering an exhibit at Butler County Fair, FFA members and their parents/guardians agree to the 4-H Code of Conduct and understand the consequences for violating the agreement.
An exhibit of items, pictures, maps, charts, slides/tapes, drawing, illustrations, writings or displays that depict the heritage of the member’s family or community or 4-H history. Please note: Exhibits are entered at 4-H’ers own risk. The University of Nebraska-Lincoln Extension in Butler County along with the Butler County Ag Society will not be responsible for loss or damage to family heirloom items or any items in this division. Displays should not be larger than 22” x 28” wide. If the size needs to be a different size because the historical item is larger than 22”x28” please contact the superintendent’s office for approval. Display collections securely in an attractive container no larger than 22” x 28”. If the size needs to be a different size because the historical item is larger than 22”x28” please contact the superintendents for approval. Exhibits must include NAME – COUNTY- PAST EXPERIENCE (years in Explore Your Heritage, Family Folklore or Foodways projects) on back of exhibit. All entries must have documentation included.

Classes:

**Division 101, Level I: Beginning (1-4 years in project)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-101-001</td>
<td>Heritage poster or flat exhibit – Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation.</td>
</tr>
<tr>
<td>A-101-002</td>
<td>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.</td>
</tr>
<tr>
<td>A-101-003</td>
<td>Local History Scrapbook/Notebook – Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.</td>
</tr>
<tr>
<td>A-101-004</td>
<td>Framed Family Groupings (or individual) of pictures showing family history. Pictures must be supported by a written explanation.</td>
</tr>
<tr>
<td>A-101-005</td>
<td>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.</td>
</tr>
<tr>
<td>A-101-006</td>
<td>4-H History Scrapbook – A scrapbook relating to 4-H history of local club or county. Must be work of individual 4-H’er – no club project. If multiple books included in exhibit, only bring book with most current year’s work.</td>
</tr>
<tr>
<td>A-101-007</td>
<td>4-H History Poster – Poster relating 4-H history of local club or county or individual.</td>
</tr>
<tr>
<td>A-101-008</td>
<td>Story or illustration about a historical event.</td>
</tr>
<tr>
<td>A-101-009</td>
<td>Book review about local, Nebraska or regional history.</td>
</tr>
<tr>
<td>A-101-010</td>
<td>Other historical exhibits – attach an explanation of historical importance.</td>
</tr>
<tr>
<td>A-101-012</td>
<td>Family Traditions Exhibit – Story or illustration of a family tradition or event. Exhibits must be supported by a written explanation.</td>
</tr>
<tr>
<td>A-101-013</td>
<td>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.</td>
</tr>
<tr>
<td>A-101-014</td>
<td>4-H Member Scrapbook – Scrapbook relating to individual 4-H members’ 4-H history. If multiple books included in exhibit, only bring book with most current year’s work.</td>
</tr>
<tr>
<td>A-101-015</td>
<td>Special Events Scrapbook - A scrapbook relating to a 4-H special event, such as Congress or CWF or a personal of family special event, such as a trip, family reunion, etc.</td>
</tr>
</tbody>
</table>

**Division 102, Level II: Advanced (over 4 years in project)**

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-102-001</td>
<td>Heritage poster or flat exhibit – Entries may be pictures, posters, items that depict family heritage. Exhibits must be supported by a written explanation. If multiple books included in exhibit, only bring book with most current year’s work.</td>
</tr>
<tr>
<td>A-102-002</td>
<td>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.</td>
</tr>
<tr>
<td>A-102-003</td>
<td>Local History Scrapbook/Notebook – Scrapbook or notebook that depicts history of local community or Nebraska that helps youth appreciate their heritage.</td>
</tr>
<tr>
<td>A-102-004</td>
<td>Framed Family Photos (or individual) of pictures showing family history. Pictures must be supported by a written explanation.</td>
</tr>
<tr>
<td>A-102-005</td>
<td>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.</td>
</tr>
<tr>
<td>A-102-006</td>
<td>4-H History Scrapbook – A scrapbook relating to 4-H history of local club or county. Must be work of individual 4-H’er – no club project. If multiple books included in exhibit, only bring book with most current year’s work.</td>
</tr>
<tr>
<td>A-102-007</td>
<td>4-H History Poster – Poster relating 4-H history of local club or county or individual.</td>
</tr>
<tr>
<td>A-102-008</td>
<td>Story or illustration about a historical event.</td>
</tr>
<tr>
<td>A-102-009</td>
<td>Book review about local, Nebraska or regional history.</td>
</tr>
<tr>
<td>A-102-010</td>
<td>Other historical exhibits – attach an explanation of historical importance.</td>
</tr>
<tr>
<td>A-102-011</td>
<td>Exhibit depicting the importance of a community or Nebraska historic landmark.</td>
</tr>
<tr>
<td>A-102-012</td>
<td>Community Report documenting something of historical significance from past to present.</td>
</tr>
<tr>
<td>A-102-013</td>
<td>Historic Collection (displayed securely and attractively in a container no larger than 22” x 28”).</td>
</tr>
<tr>
<td>A-102-014</td>
<td>Video/DVD or Slide/Tape Documentary of a family or a community event. Must be produced and edited by 4-H member.</td>
</tr>
<tr>
<td>A-102-015</td>
<td>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.</td>
</tr>
<tr>
<td>A-102-016</td>
<td>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.</td>
</tr>
<tr>
<td>A-102-017</td>
<td>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.</td>
</tr>
</tbody>
</table>
Purpose: The purpose of these citizenship exhibits is to foster civic responsibility and action within the diverse areas of citizenship including community service, service learning, government and policy making.

Project Materials: The official reference for the citizenship projects is Citizenship Public Adventures Kit (MI7329) and Citizen Guide’s Handbook (BU7330). Other helpful citizenship references include Citizenship Washington Focus guides, Character Counts! and Service Learning Information.

Supporting Material: All entries must have a statement explaining the purpose of the exhibit and how the exhibit will be used. Exhibitors are encouraged to show evidence of their personal field experiences, study or observations that relate to their exhibit. This helps the judges understand what the 4-H’er did ad learned in the process that led to the exhibit.

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

Identification: All entries should be labeled with the exhibitor’s name, club and county.

Scoring: Scoresheets can be found on the web at http://www.4h.unl.edu or are available from your county Extension Office.

Entries: Each exhibitor is limited to one item per class number.

Classes:

A-120-001 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, PowerPoint 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.

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

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

A-120-002 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.

A-120-003 Patriotic or Cultural Fine Arts can be made of any art media but should tie in the relevance of the artwork to citizenship.

A-120-004 Public Adventure Scrapbook should describe your Public Adventure or Service Learning Activity. Scrapbooks must measure no more than 16” x 16”.

A-120-005 Public Adventure Poster should describe your Public Adventure or Service Learning Activity. Display posters must be stiff enough to stand when supported from behind and below. Length and width must be no more than 24” x 28”.

A-120-006 Written or Recorded Stakeholder Interview should follow the outline found in the Public Adventures curriculum. It may be written or recorded.

A-120-007 Written Citizenship Essay is designed to promote good citizenship and patriotism. This essay is open to all age groups. All essays should be 300-400 typewritten words.

A-120-008 For 9-12 Graders Only: Oral Citizenship Essay addressing the theme “Freedom’s Obligations” should be 3-5 minutes. No background music, singing or other enhancement allowed. All essays should be 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.

A-120-009 Service Items can include but aren’t limited to lap quilt and homemade toys. Only non-perishable items will be accepted. Attached to the exhibit should be an explanation of who the recipient was and how the service project was made and used. The service item could be part of a larger community service effort.

A-120-010 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 – Classes

A-130-001 Cultural Fine Arts can be made of any art media but should symbolize what makes the media unique.

A-130-002 How are We Different? Interview should follow the interview guide in the participant manual on page 3 and should reflect on the differences and similarities between you and the person you are interviewing.

A-130-003 Name Art should be a creative art exhibit that symbolizes or explains where your name came from and what it means. Can use any media.

A-130-004 Family History depicting your family cultural history or the ethnic make-up of your community noting who were the first settlers, where did they come from, is there evidence of the background today (local celebrations, family celebrations, museum or educational displays, historical markers, etc.)

A-130-005 Exhibit depicting a cultural food that is special to your family. Can be a story or essay.

A-130-006 “This is Who I Am” poem.

A-130-007 Poster that depicts what you have learned through the i2i Project.

A-130-008 Biography about an historical figure that has made a positive impact on our society or who have made a difference in the lives of others.

A-130-009 Play Script written about a different culture.
DEPARTMENT B – COMMUNICATIONS & EXPRESSIVE ARTS

Department B – Banners

Guidelines:

- Each banner should illustrate a phase of 4-H work or promote 4-H generally. Copyrighted materials cannot be used.
- When using the official 4-H Emblem (clover with the H’s on each leaf), it must follow approved guidelines, which can be viewed at http://www.national4hheadquarters.gov/emblem/4h_name.htm.
- Banners are a two dimensional display, depicting one idea. See Posters for exhibit guidelines.
- Dimensions are to be 3 feet by 6 feet. The banners can be arranged horizontally or vertically but will be displayed with the 3 foot side on the top. The exhibit will not be penalized for being arranged horizontally.
- Banners must be hung on at least a ½” dowel or a rod strong enough to support the banner. The dowel should be at least 2 inches longer than the banner. The dowel should be on the 3 foot side so banner will hand 3 feet across and 6 feet long. Banners mounted any other way risk not being displayed due to technical problems.
- Banners should be made of materials that permit the banner to be folded or rolled without damaging the display. Three dimensional objects should not be attached to the front of the banner.
- Attach a label and the current entry tag to the front lower left-hand (as your face it) corner of the banner. The label should include the name of the club and county. Letters on this label should be two inches in height.

Class:
*B-150-001  Banner

Division 800 – Club Exhibit

This is an exhibit that will be displayed on the fairgrounds. Exhibits must have a 4-H or “fair theme”. Examples of this exhibit are decorated hay bales, decorated and planted flower barrels, decorated trash barrels, etc. All supplies will be furnished by the exhibitors. Each club is allowed one exhibit.

Class:
*B-800-001  Club Exhibit

Department B – Photography

General Photography Rules

A. 4-H’ers are allowed entries in only one unit of competition. Unit I, Unit II or Unit III.
B. Entry Tags: Entry Tag must be stapled securely to the upper right hand corner of Picture Displays. Exhibit prints must have entry tags scotch taped to the upper right hand corner.
C. A photograph may only be used on one exhibit and may be taken with a film or digital camera.
D. Photos must be shot during the current project year by the 4-H member.
E. Securely attach photos. Photos that are unattached will be disqualified.
F. Do not use photo corners, borders, or place coverings over the exhibits. Do not include negatives.
G. Personal Data Tag – Required on all classes. Glue the tags securely to back of exhibits. For the photography portfolio in Unit III, the tag can be placed inside the plastic sleeve with the photo.

Personal Data Tag: Part A

Tell us about you:
Name: ________________________ Age: ______ County: ________ Years in the Photography Project: ________
Years in the Current Unit: __________ Unit: __________ Class: __________________

Tell us about your camera and your settings:
Camera Description: __________________________ (make and model)/(digital/film, fixed/auto/SLR)
Film Speed/ ISO Setting: ____________ (this is a number)
Camera Setting: ________________________ (ex. landscape, sport, etc.)
Flash: __________________________ (flash, natural or artificial light used)
Filter Used (if any): ________________________ (ex. color, screen, etc.)
Special Lens Used (if any): ________________________ (wide-angle, telephoto, micro)
Focus Type: __________________________ (automatic, manual, fixed)
Aperture Type/F Stop Setting: ____________ (this is a number)
Shutter Speed Testing: ____________ (this is a number)
Did you adjust manually? __________ (yes or no)

Personal Data Tag: Part B

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

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

H. Exhibits not following these rules will be dropped one ribbon placing.

Classes:
**Division 183- Butler County**
Photos must be taken by the 4-H’er during the current year in Butler County. Photos need to be at least a 4”x6” and must be mounted on black (preferred) or white poster board or matting board.

*183-001 Butler County Architecture
*183-002 Butler County Animals
*183-003 Butler County People
*183-004 Butler County Landscapes

**Division 180 – Unit I**

Guidelines

A. Unit I Picture Displays:
   - Three 4” x 6” 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 (see General Rule G).  

B. Unit I Photo Journal:
   - Choose project area 1, 2, 3 or 4 in the Level 1 project manual titled “Focus on Photography”.
   - Complete the pages associated with the project area of your choice (project 1, 2, 3 or 4) or recreate and print the pages (still using actual photos).
   - Place pages in an 8 ½ x 11 black or white 3 ring binder.
   - Personal Data tags are required (See General Rule G). For your journal, complete Part A only and include this as page one of your journal.

*B-180-001 Picture Display – Entry will consist of 3 pictures from 3 different categories. Categories to be selected from include: 1) animal; 2) building; 3) people; 4) landscape; 5) special effects; 6) still life; 7) sports.

*B-180-002 Photogram – An entry will consist of one photogram developed on 8” x 10” black and white photographic paper, mounted in 11” x 14” cut matting with sandwich backing. Entry will be judged on creativity, use of shape, texture, black to white color variance, correct exposure and comparison.

*B-180-003 Panorama Exhibit - Entry will consist of an arrangement of 3-5 pictures connected to show a wide angle of a subject. Panorama displays must be mounted on a horizontal 14” x 22” poster board. Pictures may have some overlap. Unwanted excess can be cropped (cut).

*B180-004 Lighting Display – Entry will consist of 3 pictures of 3 different photography techniques. Categories to be selected from include: 1) back lighting; 2) diffuse lighting; 3) front lighting; 4) side lighting; 5) flash (artificial light).

*B180-005 Building/Landscape Picture Display – An entry will consist 3 pictures of 3 different subjects which will include buildings and landscape.

*B-180-006 People/Animals Picture Display – An entry will consist of 3 pictures of 3 different subjects which will include people and animals.

*B-180-007 Photo Journal – Entry will consist of a single completed and bound section of project 1, 2, 3 or 4 in the level 1 project manual titled “Focus on Photography”.

*B-180-008 Photo Story Display – Entry will consist of a display of 3 pictures that tell the beginning, middle and end of a story.

*B-180-009 Fun With Shadows Display – Entry will consist of 3 pictures of 3 different subjects that capture the image of the shadow.

*B-180-010 Magic and Tricks Display – Entry will consist of a display of 3 pictures of 3 different subjects that us a “special effect” to create interesting photos.

*B-180-011 Still Life, or Sports Picture Display – An entry will consist of 3 pictures of 3 different subjects showing still life and/or sports in any combination.

*B-180-012 My Favorite Other Picture – Any other favorite photo. Exhibit may range in size from 3” x 5” to 8” x 10” mounted in appropriate size cut matting (no frames) with a sandwich backing.

*B-180-013 Digital Photography Display – Entry will consist of 3 different pictures taken with a digital camera.

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 (See General Rules).
Division 181 - Unit II

B-181-010 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” (available at county offices). Complete the pages associated with the project of your choice (project 1, 2, 3 or 4). Place pages in an 8 ½ x 11 black or white 3 ring binder. Personal Data Tags are required (See General Rules). For your journal complete Part A only and include this as page one of your journal.

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. Place photos horizontally or vertically as appropriate. Personal Photo Data Tags (parts A and B) are required. (See General Rules)

B. Unit II Photography Portfolio:
   - Choose project 1, 2, 3 or 4 in the Level 2 project manual titled “Controlling the Image” (available at county offices).
   - Complete the pages associated with the project of your choice (project 1, 2, 3 or 4).
   - Place pages in an 8 ½ x 11 black or white 3 ring binder.
   - Personal Data Tags are required (See General Rules). For your journal complete Part A only and include this as page one of your journal.

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. Personal Photo Data Tags (parts A and B) are required. (See General Rules)
   - Note: Manual adjustments are strongly encouraged for Unit III Exhibits.

B. Unit II Photography Portfolio:
   - Select ten (10) 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 8.5” x 11” black or white 3-ring binder. No matting is necessary.
   - On the first page of the portfolio, include a table of contents listing a title for each photo in your collection and a narrative describing the overall intent for the portfolio. For example, the portfolio could include a range of your work from your earlier years in 4-H photography to the present, you could have a creative theme for your portfolio, or you could include photos that illustrate your diverse photography skills. On the page prior to EACH photo, include an information sheet with the following: 1) Personal Data Tag Part A 2) The photograph title 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.

Pay Category #3

Division 182 - Unit III

B-182-010 Photography Portfolio - An entry will consist of ten (10) photos that represent the strongest collection of the participant’s work. See notes above regarding details for the class. SF86.98(5)

B-182-020 Advanced Lighting Exhibit Print - Entry will consist of a print that illustrates creative lighting. SF86.98(3)(6)

B-182-030 Portrait Exhibit Print - Entry will consist of a print that captures both physical characteristics and personality in their subjects. SF86.98(3)(6)

B-182-040 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 techniques not listed. *Remember to answer the additional question for this class on Part B of the data tag. SF86.98 (3)(6)

B-182-050 Challenging Exhibit Print - Entry will consist of 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, 8) Other technique not listed. SF86.98(3)(6)

B-182-060 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 email 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 UNW Extension 4-H Youth Development Program. SF86.98(3)(6)
**Department B – Posters**

**General Information**
Please note that there will not be a specific class for posters or banners at the Nebraska State Fair. Please check out the new Express Yourself classes (Dept. B – Division 153) for Level 2: Putting It Together, and Level 3: The Perfect Fit. Some of the new classes are similar to the old poster classes (i.e. 4-H Advertisement Flyer and Electronic Etiquette Promotion). These classes relate to curriculum and are more up-to-date for our technology-savvy 4-H'ers. Many other project areas also have poster classes that relate to the specific project.

**Purpose:** The purpose of a poster is to call attention to a subject. Every poster must be crafted to catch the viewer’s attention quickly. Each must present only one specific message clearly. The poster should clearly feature some aspect of 4-H.

**Exhibit Guidelines:** Posters will be judged on the following criteria:

A. **Idea:** Simple, clear message, appropriate for a poster.
B. **Lettering:** Readable from a distance, appropriate size in proportion to art.
C. **Art:** One dominant, eye-catching element; art relates to written message.
D. **Arrangement:** Makes good use of entire poster space without being too crowded; art and lettering are well balanced.
E. **Color:** Use of bold colors that harmonize well; colors used are legible.
F. **Quality of Construction:** Neatness; appropriateness of materials used.
G. **Effectiveness:** Works well as a poster.

Posters must be 14” x 22” and must be of a material that can be pinned to a display board. They may be arranged either horizontally or vertically. Those generated by computer must also meet this standard. Computer art generated on an 8 ½” x 11” sheet of paper and mounted on poster board will be disqualified.

Posters may be in any medium: watercolor, ink, crayon, markers or computer graphics, etc. They may not be three-dimensional. Entries with components thicker than paper (such as milk cartons, pencils, pop cans) will be disqualified.

Posters may not use copyrighted materials, such as cartoon characters or commercial product names, logos or slogans. Avoid using clichés or over-used phrases that do not command the viewer’s attention.

When using the official 4-H Emblem (clover with the H’s on each leaf), it must follow approved guidelines which can be viewed at http://www.national4hheadquarters.gov/emblem/4h_name.htm.

Computer “clip art” will not be scored as positively as original computer art designs.

Entries which do not conform to size content or material guidelines will be lowered one ribbon placing.

The 4-H member’s name and age must be listed on the back of the poster. Entry cards should be stapled (not paper-clipped or taped) to the upper right-hand corner of the poster.

Posters may be laminated to protect them. Loose plastic coverings used to protect the exhibit while being transported will be removed by the superintendent for evaluation and display.

**Reminder - None of these classes are state fair eligible.**

**Classes:**

**Division 152**

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<th>Pay Category #3</th>
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<td>B-152-001</td>
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**Division 153 – Express Yourself**

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**Level 2 – Putting it Together**

| B-153-001       | Me As A Mentor SF94 – 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. |
| B-153-002       | 4-H Community Service Press Release SF95 – 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. |

**Department B – Communications**
Level 3 – The Perfect Fit

B-153-003 My Political Platform SF96 – 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.

B-153-004 Current Event Interview SF97 – 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.

B-153-005 Career Exploration Essay SF98 – 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.

B-153-006 Non-Profit 4-H Advertisement Design SF99 – Locate a non-profit organization in your community. Interview those who work, volunteer, and use the services 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. Create an exhibit that includes the advertisement design, how it could be used by the organization, and how it will relate to those who view it.

DEPARTMENT C - CONSUMER & FAMILY SCIENCE

Department C - Human Development

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

Exhibitors in the Human Development project area will be asked to focus on the signature outcomes areas in 4-H in certain classes. These outcomes include career development, agricultural literacy, science, leadership/citizenship and healthy lifestyles. In an effort to help 4-H members develop their knowledge in these areas, Classes 1-4 of child development exhibits MUST be tied to one or more of the outcome areas.

Information sheets - Each exhibit in classes 1, 2, 3, 4, and 6 must include the required information

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 be sure exhibit is safe for child to use?
3) What are children this age like? Give 2 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, 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 2 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? 4-H’er should make one or more items in the kit, but purchased items are also allowed.

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

Division 200 - Human Development Pay Category #4

4-H’ers taking I Have What It Takes to be a Babysitter may enter:

Class: 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. 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!

C-200-001 The Infant: Toy, game, or activity made for baby that teaches them about one or more of the outcome areas. (Birth - 18 mos.) SF30
C-200-002 The Todder: Toy, game or activity made for toddler that teaches them about one or more of the outcome areas. (18 mos. - 3 yrs.) SF30
C-200-003 The Preschooler: Toy, game or activity made for preschooler that teaches them about one or more of the outcome areas. (3 - 5 yrs.) SF30
C-200-004 Middle Childhood: Toy, game or activity made for gradeschooler that teaches them about one or more of the outcome areas. (6 - 9 yrs.) SF30

Classes 005-009 do not have to relate to an outcome area:

C-200-005 Activity with a Younger Child: Poster or scrapbook showing 4-H’er working with a child age 0 to 8 years. May show making something with the child, or child care or child interactions. May include photos, captions, story or essay. Size of exhibit is your choice. Other people may take photos so 4-H’er can be in the photos. 4-H’er must make scrapbook or poster. No information sheet needed for class 5. SF115

C-200-006 Babysitting Kit: State which ONE age group (infant, toddler, preschooler, middle childhood) the kit was prepared for. Purpose of the kit is for the 4-H’er to take with them when they babysit in someone else’s home. Do not make kit for combination of ages or for your
own family to use. See The Sitter manual (4H266 revised 2002) for appropriate items to include. 4-H’er should make one or more items in the kit, but purchased, items are also allowed. Display in box or bag suitable for what it contains. Approximate size not larger than 12”x15”x10”. All items in kit must be safe for child to handle. Information sheet for Class 6 should include: 1) What are children this age like? Give 2 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. Most importantly the kit should serve a defined purpose, not just be a catch all for several items. SF85

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

C-200-007 Growing With Others. Scrapbook or poster. Examples - How to decide if it’s time you can be home alone and related activities. How responsibilities and privileges are related. Friendships. Working with others. Understanding rules and boundaries. A family tree. A family rules chart. A family meal plan, with pictures of a special family meal. A home safety checklist. Being street smart (safety). A school scrapbook showing yourself and your school activities, memories, and special interests. SF115


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

C-200-009 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. SF115

Department C – Clothing/Sewing

All clothing exhibits will be judged on Wednesday, July 8. Items must be preregistered at the extension office by June 26. Interview judging and modeling time preferences will be based on when pre-registration forms are received.

A. Number of Entries Per Individual - Each individual is limited to one exhibit per class number.
B. Entry Tags - Every clothing exhibit must be described on the appropriate entry tag accompanying it (for example: dark blue wool skirt and jacket, red and white figured blouse). Entry tag placement: as you look at the garment place the entry tag on the right side of the garment and the hook of the hanger to the left.
C. Identification Labels - Each item entered as a clothing, knitting or crochet exhibit must have a label attached stating: County, Exhibitor’s name and age, project name and class in which garment is entered, and the number of years enrolled in the project exhibited. Wool entries must have the fiber content listed on the identification label. Attach a label on every component of the outfit using safety pins or by basting. Not responsible for unlabeled items.
D. Preparation of Exhibits - Please bring all wearable exhibits on wire hangers or hangers with a swivel hook ONLY. All exhibits not suitable for hanging should be entered in a self-sealing plastic bag. Wool garments and garments with narrow straps hang better on other hangers, i.e., wooden or notched plastic hangers. As you look at the garment place the hooks of the hanger to the left. Use safety pins to fasten skirts, shorts, and pants to hangers. Each piece should be entered on its own hanger. If more than one hanger is used for an entry, fasten hangers belonging to one exhibit together with twist ties or rubber bands. All items need to be in clear garment bags.
E. General - Garments as listed may be made for self (4-H member) or another person. 4-H’ers enrolled in clothing projects should continue their skill development. Once you have exhibited in a higher level, you are not eligible to exhibit in a lower level. Ex. Once you exhibit in STEAM Clothing 2, you are not eligible to exhibit in STEAM Clothing 1.
F. Criteria for Judging - Refer to the Nebraska 4-H website http://www.4h.unl.edu for current state fair scoresheets. In addition, all entries must conform to rules and regulations as set forth in this Premium List.

Classes:
Division 900 – STEAM Clothing 1
Exhibits will be simple articles requiring minimal skills. Follow suggested skills in project manual. May exhibit one item per class number. 4-H’ers who have enrolled in or completed STEAM Clothing 2 project are not eligible to exhibit in STEAM Clothing 1.

*C-900-001 Clothing Portfolio – Complete at least three difference samples/activities from Chapter 2 OR Chapter 3 of the project manual. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated.) See pages 9-10 for portfolio formatting.

*C-900-002 Sewing Kit – Include a list of sewing notions and purpose for each included. (pg. 12-17 in project manual)

*C-900-003 Fabric Textile Scrapbook – Must include at least 5 different textile samples. Use Textile Information Cards template on page 41 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See project manual for fabric suggestions.

*C-900-004 What’s The Difference – 4-H members enrolled in STEAM Clothing 1 may enter an exhibit (not to exceed 22” x 30”) a notebook, poster, small display sharing a project comparison and price point. See project manual, “What’s the Difference?” page 118-119. Exhibits should include pictures, NO actual pillows.

*C-900-005 Clothing Service Project – Can include pillows or pillow cases but are not limited to these items. Exhibit (not to exceed 22” x 30”) a notebook, poster, small display sharing information you generated in the project activity "Serving A Purpose" page 124 and 125.
Beginning Sewing Exhibits: Exhibits must be made from medium weight woven fabrics that will sew and press smoothly, flannel/fleece is acceptable. Solid color fabrics or those having an overall print are acceptable. NO PLAIDS, STRIPES, NAPPED OR JERSEY KNIT. Patterns should be simple without darts, set-in sleeves, and collars. Raglan and kimono sleeves are acceptable.

*C-900-006 Pincushion
*C-900-007 Pillowcase
*C-900-008 Simple Pillow – No larger than 18” x 18”.
*C-900-009 Bag/Purse - No zippers or button holes
*C-900-010 Simple Top
*C-900-011 Simple Bottom – pants, shorts, or skirt
*C-900-012 Simple Dress
*C-900-013 Other – Using skills learned in project manual. (apron, vest, etc.)
*C-900-014 Upcycled Simple Garment – The original used item must be redesigned (not just decorated) in some way to create a new wearable piece of clothing. A “before” picture and a description of the redesign process must accompany the entry or it will be disqualified.
*C-900-015 Upcycled Accessory – A wearable accessory made from a used item. The item used must be changed in some way in the “redesign” process. A “before” picture and a description of the redesign process must accompany the entry or it will be disqualified.

Division 221 – Beyond The Needle

4-H members must show their own original creativity.

*C-221-901 Beginning Embellished Garment – Create a garment using beginning techniques as defined in the project manual. Designs are the original idea of the 4-H’er using the elements and principles of design to make an original statement.
*C-221-902 Beginning Textile Clothing Accessory – Accessory is constructed using techniques as defined in the project manual. Entry examples include: hats, bags, scarves, gloves, apron, etc.
C-221-001 Design Portfolio – Complete at least three difference samples/activities from the project manual. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. (Additional pages can be added each year but should be dated.) See pages 14-16 for portfolio formatting.
C-221-002 Color Wheel – Create your own color wheel, complimentary color bar or color scheme using pages 27-39 in the project manual. The exhibit may be a notebook, poster, or small display. Exhibits should not exceed 22” x 30”.
C-221-003 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.
Scoresheet SF26
C-221-004 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.
Scoresheet SF26
C-221-005 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. Scoresheet SF26
C-221-006 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. Scoresheet SF63

Division 222, UNIT 2 – STEAM Clothing 2 – Simply Sewing

Exhibits entered in this project must reflect skills learned from the manual including skills previously learned.

Garments as listed below may be made from any woven or knit fabric appropriate to the garment’s design and should demonstrate sewing skills beyond STEAM Clothing 1.

Garments as listed below may be made from any woven or knit fabric appropriate to the garment’s design and should demonstrate sewing skills beyond STEAM Clothing 1.

C-222-001 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.
C-222-002 Expanded Textile Science Scrapbook - Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 1/2 x 11, 3 ring binder. Include an appropriate cover. See project manual for fabric suggestions.
C-222-003 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” x 30”.
C-222-004 Pressing Matters – 4-H Members enrolled in STEAM Clothing 2 may enter a ham or sleeve roll from pages 21-25 “A Pressing Matter” in the project manual. Exhibit should include answers to lesson questions that are most appropriate to include.
C-222-005 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” x 30”.
C-222-006 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.
C-222-007 Upcycled Garment 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.
Department C - Fiber Arts - Knitting and Crocheting

**Pay Category #4**

**INFORMATION SHEET FOR KNITTING.** Scoresheet SF60 for all classes. Each knitted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placings:

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

*C-225-001 Level 1 Knitted Clothing/Home Environment Item - Knitted items using stitches such as the knit stitch, purl stitch, garter stitch, or stockinette stitch.

*C-225-002 Knit One/Add One - Knitted garment using Level 1 stitches (see above) combined with a sewn or purchased garment to make a complete wearable outfit.

*C-225-005 Level 2 Knitted Clothing or Home Environment Item - Knitted item or garment using pattern stitches such as diamond, block, twist or seed/moss stitches.

*C-225-015 Level 3 Knitted Clothing or Home Environment Item - Knitted item made from advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerna, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle.

*C-225-025 Additional Knitted Item
Information sheet for Crochet. Scoresheet SF61 for all classes. Each crocheted exhibit must include the following information with the entry tag or exhibit will be lowered one ribbon placing. Scoresheet SF68 for all classes.

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

*C-226-001 Level 1 Crochet Clothing or Home Environment Item using basic stitches such as chain stitch, single crochet and double crochet.
*C-226-002 Level 1 Crochet One/Add One. A crocheted garment made using beginning crochet stitches (see above) combined with a sewn or purchased garment to make a complete wearable outfit.
C-226-005 Level 2 Crocheted Clothing or Home Environment Item – Crocheted item or garment using pattern stitches such as texture, shell, cluster or mesh stitches.
C-226-015 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.
*C-226-025 Second Crochet Item

Division 900 - Clothing Flop

This entry is open to any 4-H member enrolled in a clothing project. As 4-H’ers, you are learning by doing. Sometimes we have failures when preparing our exhibits. This class focuses on taking these failures and learning from them. This is a county fair exhibit only. Entries must include the following and do not need to be pre-entered:

1. Name
2. A one-page story on an 8½” x 11” paper telling about your experience, what you learned from it, and what you would do different next time. Include in your story what project you are taking and what the original entry was.
3. Sample of the “Clothing Flop”.

*C-900-901 Clothing Flop

Department C - Consumer Management

All items must be pre-entered at the Butler County Extension Office by June 26. All exhibits will be judged on July 22nd at the Butler County Fairgrounds.

Classes (Scoresheet SF84 for all classes):

Division 240 - Shopping in Style

General Information for Shopping in Style

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 Windows Media Player, Real Player, or QuickTime Player.

C-240-001 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 (see general information). SF 84

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

C-240-002 Revive Your Wardrobe - Take at least two items in your wardrobe that still fit but that you don’t wear anymore and pair them with 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 (see general information). SF 88

C-240-003 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 (see general information). SF 65

C-240-004 Show Me Your Colors - Select 6-8 color photos of you wearing different colors. Half should be what you consider to be good personal color choices and half should be poor personal color choices. Write a brief explanation with each photo describing your selections. Refer to the manual page 23 for more information. Entry should be a poster (see general information). SF 89
C-24-0005  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. SF 64

C-240-006  Mix, Match, & Multiply - Using this concept from page 32 of the manual take at least 5 pieces of clothing and create new outfits. Use your imagination to show various looks (i.e. on a clothes line, in a tree, on a mannequin). Include a brief discussion of each outfit which demonstrates what you have learned by completing this entry. Entry can be a binder, poster, or video (see general information). SF 90

C-240-007  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 (see general information). SF 62

Division 244 - Attention Shoppers

Ages under 12

*C-244-001  Clothing Wardrobe Inventory. List five items in your clothing wardrobe. What one garment would you add to your wardrobe that would help you to mix and match what you already have to extend your wardrobe? Explain what you need to think about and consider when you select this item. Consider creativity and style in your story. Your wardrobe inventory entry may be a picture poster, a video style show with explanation, a written story, an audio tape, etc.

*C-244-002  Clothing Interview. A) Interview an older person and talk about the fads and fashion of the time when they were young. Or B) Interview a person from another culture and find out how their dress and fashions may differ at school, special occasions (such as weddings, graduations, birthdays, religious events, etc.) How do those items differ or are they the same as what you wear? or C) Interview a person who wears special types of clothing for their job. Find out how these clothes differ from the ones they wear away from the job, what makes them different, why are they necessary to wear, etc. Consider creativity and style in your story. Include a picture of the person you interviewed in their special type of clothing. Your interview entry may be a picture poster, a written story, audio tape, video tape with explanation.

*C-244-003  Buymanship - Experience buying a complete wearable outfit for less than $75. Your entry must include the hang tags (if available), information from fiber content and care labels and a story about what you considered when you purchased the outfit. Consider creativity and style in explaining your story. Do not include the clothing as part of your entry. Your buying experience may be a picture poster, a video tape, a written story or an audio tape, etc.

*C-244-004  You Be The Teacher - Suggested ideas include: Sort before you wash, clothing first aid, fab or fashion, etc.

Department C, Division 903 - Becoming Money Wise

Pay Category #4

*C-903-001  Money Journal (page 13 Money Wise manual). For four weeks, keep a record of income and expenses. Record how much you spend in each category. Include a summary of what you learned about your spending habits by keeping a journal.

*C-903-002  Piggy Bank (page 15 of Money Wise manual). Reuse materials to make a piggy bank or savings jar.

*C-903-003  Advertising Comparison Poster (page 14 of Money Wise manual). Poster should be 14” x 22”. Compare at least two advertisements from newspapers or magazines. Address the question asked on page 14 of the manual.

*C-903-004  Show what you learned or did I this project through a poster, notebook, or thought exhibit.

Money FUN-Damentals

Scoresheet SF221. 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”.

Division 247 - Money Fun-Damentals

Pay Category #4

C-247-001  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.

C-247-002  Financial Goals, Page 20-21 - Using your creativity share three of your SMART financial goals in this exhibit. (One of Each: Short term, Intermediate, and Long term)

C-247-003  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

Pay Category #4

C-248-001  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 loan, credit unions or other financial institutions on the Web or in your community.


C-248-003  Web-based Financial Game, Use your creativity to share the results of one of these web based financial games at: http://consumerjungle.org/ or Allowance Game – can be downloaded for free at http://www.extension.iastate.edu/Publications/PM1776.pdf

C-248-004  Champion’s Challenge, Using a calculator on the web (see possible sites on page 14 of manual) complete the calculations for number 2 in the Champions’ 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 248 - Money Moves

Pay Category #5

Department C, Division 410 - Fashion Show

All fashion show exhibits will be judged on Wednesday, July 8. All entries must be pre-registered at the Extension Office by June 26. Exhibitor may model a maximum of three outfits. Limit of one entry per class number. 4-H’ers can model up to two outfits at the Public Style Show. Please
Division 410 – Beyond the Needle - Fashion Show Classes
4-H members must show their own original creativity. The exhibit must be a purchased, constructed, original design, or recycled garment to which surface embellishment has been applied or a garment in which the design is created through the structure such as color blocks, fabric strips, texturizing fabric pieces, etc.

*C-410-001 Embellished Garment
*C-410-002 Embellished Garment with Original Design
C-410-010 Embellished Garment(s) with an Original Design – Garment is created using intermediate or advanced techniques as defined in the project manual. Designs are the original idea of the 4-H’er using the elements and principles of design to make an original statement.
C-410-015 Modeled Beyond the Needle Garment Constructed from Original Designed Fabric – Fabric yardage is designed first, then a garment is constructed from that fabric. Other embellishments may be added.
C-410-020 Modeled Beyond the Needle Textile Arts Garment(s) – Garment is constructed using new unconventional materials. Examples: rubber bands, plastic, duct tape.

Division 410 – Steam Level 1
*C-410-011 Item from beginning level sewing project

Division 410 – Steam Level 2
C-410-030 Modeled Constructed Steam Level 2 Garment(s) - Possible types of garments include 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 jacket).
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 Level 3 projects are not eligible to enter Steam Level 2. Nightshirts, flannel lounging pants, or any other types of loungewear can NOT be modeled.

Division 410 – Steam Level 3
C-410-040 Modeled Constructed Steam Level 3 (Garment(s) – Possible types of garments include: Dress or formal; Skirted Outfit (skirt with shirt, vest, or jacket OR jumper and shirt); Pants or Shorts Outfit (pants or shorts with shirt, vest, or jacket); 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.
-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.
C-410-050 Modeled Knitted or Crocheted Clothing (Level 2 or 3)
Knitted garment using pattern stitches such as diamond, block, twist or seed/moss stitches or advanced knitting stitches such as pass slip stitch over, double-pointed needle knitting, cable, Turkish, tamerina, plait, germaine, feather and fan or knitting with one or more patterns such as Aran or Fair Isle.
Crocheted garment using pattern stitches such as texture, shell, cluster or mesh stitches or advance crochet stitches such as afghan, broomstick, hairpin lace, design motifs or pattern stitches.
Garment needs to be a complete outfit as in a dress, coat, or two piece ensemble (bottom and top).

Division 410 - Make One/Buy One Fashion Show
4-H members enrolled in Knitting, Crocheting, Steam Level 2 or Steam Level 3 may enter this class. It is okay to combine knitted or crocheted garment with a garment that the 4-H’er has also sewn. Please indicate this on the entry form.
*C-410-900 Make One/Buy One - Combine sewn, knitted or crocheted garment(s) with a purchased item to make a complete wearable outfit. Both items must be modeled.

Division 410 - Attention Shoppers Fashion Show
*C-410-901 Attention Shoppers Purchased Garment

Division 410 – Modeled Shopping Purchased Outfit and Written Report
C-410-060 Participants must be enrolled in the Shopping In Style 4-H Project to enter. This 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.

mark on narration form which two outfits you wish to model at Public Style Show. Extra garments cannot be modeled. Only complete outfits can be modeled, except in Sewing for Fun or Clothing Level 1. **Modeling time preferences will be filled as registration papers are received—first come, first served.**

If 4-H’er is not modeling for judge, but wishes to have a construction time appointment, indicate such on narration form. Garments being modeled must be entered for construction judging. An outfit in either middle or advanced units is made up of 1, 2 or 3 articles that make a complete, wearable outfit.

The judges will choose two Grand Champions, one from the beginning unit, and one from the middle and advanced units. The judges will select state fair representatives and their alternates, who must be 10 years of age before January 1 of the current year. All judge’s decisions are FINAL!

The Public Style Show will be held during the Butler County Fair. **You must model at the Public Style Show to receive your premium for fashion show classes.** Scoresheet SF117 for all classes.
A) HOME ENVIRONMENT EXHIBITS are evaluated by these criteria:

1. Items must be designed to be used for home decorating, home furnishing or home management (no clothing, purses, note cards, scrapbooks/photo albums, etc.).
2. Accessories should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year.
3. 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.
4. Entered in correct class: What medium is the majority of your accessory made from? What was changed or manipulated?
5. Items should be ready for display in the home (pictures framed, wall hangings and pictures ready to hang, etc.). No single mat board or artist canvas panels. Wrapped canvas (if staples not visible on edge) is accepted without framing, but still needs to include hanger. Make sure hangers are strong enough to support the item.
6. All static exhibits must have a received a purple ribbon at the county level to advance to state fair.
7. Items should not be ones made for beginning level or other projects (ex: simple (10 minute) table runners or woodworking). Exhibits from the beginning level, Design My Place, are county only and not state fair eligible.

B) Items should not be ones made for beginning level or other projects (ex: simple (10 minute) table runners or woodworking).

C) ENTRY TAGS - An entry tag which includes a clear description of the entry must be securely attached to each Home Environment exhibit. Use color names or pattern/picture descriptions to aid in identification.

D) IDENTIFICATION - In addition to the entry tag, a label with the exhibitor’s name and county should be attached to each separate piece of the exhibit.

E) SUPPORTING INFORMATION - Supporting information is required for all home environment exhibits.

**Department C – Home Environment**

**Division 232 - Let’s Create**  
Pay Category #4

Exhibitors enrolled in the Let’s Create project have the opportunity and satisfaction of displaying the results of their creative and artistic abilities. Each item must be labeled with the exhibitor’s name, address, and age firmly attached to the exhibit. NO RECORD BOOKS. All hangable items should have a secure wire hanger.

- *C-232-001 Appliqué, Embroidery, and Cross-stitch  
- *C-232-002 Clay, Porcelain, Ceramics  
- *C-232-003 Fiber Art  
- *C-232-004 Leather  
- *C-232-005 Metal  

**Division 250 - Recycling**  
Pay Category #4

Many items in the fairbook could be made of reduced, reused or recycled products. For each exhibit, include index card indicating plans, costs and what you learned.

- *C-250-001 Item showing reduction  
- *C-250-002 Item showing reuse  
- *C-250-004 You Be the Teacher- Exhibit showing how one can reduce, reuse and recycle resources.

**Division 251 – Design My Space**  
Pay Category #4

- *C-251-001 Needlework Item (made with yarn or floss)  
- *C-251-002 Simple fabric accessory, like a pillow, laundry bag, pillow case, table runner, etc.  
- *C-251-003 Accessory made with original batik or tie dye  
- *C-251-004 Simple accessory made using wood  
- *C-251-005 Simple accessory made using plastic  
- *C-251-006 Simple accessory made with glass  
- *C-251-007 Simple accessory made with clay  
- *C-251-008 Simple accessory made with paper  
- *C-251-009 Simple accessory made using metal tooling or metal punch  

**Division 256 - Heirloom Treasures/Family Keepsakes** (Class 1: Scoresheet SF206; Classes 2-5: Scoresheet SF205)  
Pay Category #3

This project area is for items with historic, sentimental or antique value that are restored, repurposed or refinished to keep their original look and value. It is not for “recycled” items. For example, a bench would be considered an heirloom if the original finish is restored, but if decorated by painting it would be considered recycled. Entering highly valuable items (especially small ones) is discouraged, as exhibits are not displayed in closed cases. Note: new resources to support this project area are on the 4-H website.

**Attach information:**

1. List of steps taken to complete your project. Before and after pictures encouraged.
2. Keepsakes documentation: how you acquired the item and the history of the item – may be written, pictures, audio or video tape of interview with family member, etc.
C-256-001  Trunks, including doll-sized trunks or wardrobes
C-256-002  An Article - either a repurposed "treasure" (accessory) from an old item or an old "treasure" (accessory) refinished or renovated. May include a display of a collection or collectibles, being careful not to destroy value of the collection.
C-256-003  Furniture - either a repurposed "treasure" from an old item or an old "treasure" refinished or renovated. May include doll-sized furniture.
C-256-004  Cleaned and Restored Heirloom Accessory or Old Furniture - A reconditioned and cleaned old piece of furniture or accessory that is functional for use or display. Item might be cleaned and waxed, and simple repairs made. Item would not 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. (Refinished items go in classes 2-3) This class is for situations where it may be best to do very little to the item to maintain its antique value. Item or article should be of complexity suited to an advanced project.
C-256-005  Cleaned &/or Restored Heirloom Home Furnishings Textile - Consult extension publication Care and Conservation of Heirloom Textiles, G1602 for more information.
*C-256-006  Family Keepsakes Documentation - exhibit should show how 4-H'er has documented family keepsakes. May include notebook with photo, description and history of items, videotape, photo album, audio tape of family relative discussion the item, written interview with family member, keepsake inventory.
*C-256-007  Portfolio – Collection of pictures, drawings, samples, worksheets and ideas for a room or home, an exploration of career possibilities (ex. A preservationist), or another application of your project learning put to use. Non-competitive.
*C-256-008  A Second Refinished or Renovated "Treasure"

Division 257 - Design Decisions

Pay Category #3

Attach information to explain steps taken. Information must also include element or principle of design used.
Scoresheet SF201: Classes 1, 11 (if poster or CD), 2-7; Scoresheet SF202: Class B; Scoresheet SF200: Classes 9029, 22, 25, 26; Scoresheet SF207: Classes 21 & 27; ScoresheetSF203: Classes 23-24

C-257-001  Design Board for a Room - Include: color scheme, wall treatment, floor treatment, etc. OR floor plan for a room. Posters, 22 x 28, or multimedia presentation (on CD). Show what you learned with before and after pictures or diagrams, samples, story, cost comparisons, optional arrangements, etc.

C-257-002  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.

C-257-003  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.

C-257-004  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.

C-257-005  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.

C-257-006  Window Covering – May include curtains, draperies, shades, shutters, etc.
C-257-007  Floor Covering - May be woven, braided, painted floor cloth, etc. May be exhibited as a poster or multimedia presentation (on CD).
C-257-008  Bedcover – May include quilt, comforter, bedspread, dust ruffle, canopy, etc. For quilts, state who did the quilting. (No tied fleece blankets.)
C-257-009  Accessory – Framed Original Needlework/Stitchery. May be commercially framed.
C-257-010  Accessory – Textile – 2D (table cloth or runner, dresser scarf, wall hanging, etc. No tied fleece blankets or 10 minute table runners.)
C-257-011  Accessory – Textile – 3D (pillows, fabric bowls, etc.)
C-257-012  Accessory – 3D (string art, etc.)
C-257-013  Accessory – Original Floral Design.

For classes 13-16, determine by what medium was manipulated:

C-257-014  Accessory – Original made from Wood – burn, cut, shape or otherwise manipulate.
C-257-015  Accessory – Original made from Glass – etch, mosaic, stain, molten or otherwise manipulate.
C-257-016  Accessory – Original made from Metal – cut, shape, punch, sculpt, reassemble or otherwise manipulate.
C-257-017  Accessory – Original made from Ceramic or Tile – treatment to exhibit must go through process that permanently alters the medium. Painting alone is not sufficient.
C-257-018  Accessory – Recycled/Upcycled Item for the home – using a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
C-257-019  Furniture – Recycled/Remade, made or finished by using a common object or material in a creative way. Include description of what was done to recycle or reuse item in your attached information.
C-257-020  Furniture – Wood Opaque finish such as paint or enamel.
C-257-021  Furniture – Wood Clear finish showing wood grain.
C-257-022  Furniture – Fabric Covered - May include stool, chair seat, slip-covers, headboard, etc.
C-257-023  Furniture – Outdoor Living - Furniture made/refurbished by 4-H member suitable for outdoor use. (NOTE: Will be displayed outside). Include description of what was done to recycle or reuse item in your attached information.
C-257-024  Accessory – Outdoor Living – Accessory made/refurbished suitable for outdoor use. Include description of what was done to recycle or reuse item in your attached information.
Division 260 - Sketchbook Crossroads – Scoresheet SF200  Classes 1-12  
Pay Category #4

Use techniques from manual or comparable techniques.

- **C-260-001**  Original Pencil or Chalk Drawing framed and ready to hang. Scratch art accepted here. (Crossroads pgs. 10-21).
- **C-260-002**  Original Ink Drawing framed and ready to hang. (Crossroads pgs.22-28).
- **C-260-003**  Home Accessory made with fiber. (p. 29)
- **C-260-004**  Home Accessory made with felted wool (Crossroads pgs. 29-33)
- **C-260-005**  Home Accessory using cotton linter (Crossroads pgs. 34-36)
- **C-260-006**  Home Accessory using Batik (Crossroads pgs. 37-39)
- **C-260-007**  Home Accessory made by weaving on a loom (Crossroads pgs. 40-47)
- **C-260-008**  Home Accessory made with fabric exhibitor has dyed (Crossroads pgs. 48- 50)
- **C-260-009**  Home Accessory using quilt design from another culture. Exhibit should include description of culture and history of design. (Crossroads pgs. 51-52)
- **C-260-010**  Original Sculpted Home Accessory made with clay (no purchased pots) (Crossroads pgs. 53-62)
- **C-260-011**  Recycle: home accessory made with boxes or sculpted cardboard (Crossroads pgs. 63-66)
- **C-260-012**  Home Accessory carved from Plaster of Paris (Crossroads pgs. 69-70)

Division 261 - Portfolio Pathways  
Pay Category #4

Use techniques from manual or comparable techniques. Attach information to explain steps taken. Information must also include element or principle of design used. Scoresheet SF200 Classes 1-6

- **C-261-001**  Original Acrylic Painting based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (Pathways pgs. 10-35)
- **C-261-002**  Original Oil Painting based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (Pathways pgs. 10-35)
- **C-261-003**  Original Watercolor based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (Pathways pgs. 10-35)
- **C-261-004**  Original Sand Painting based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (Pathways pgs. 10-35)
- **C-261-005**  Original Encaustic Painting based on techniques learned in Unit 1 of Portfolio Pathways, framed and ready to hang. (Pathways pgs. 10-35)
- **C-261-006**  Home Accessory made with any printing technique in Pathways Unit 2. (Pathways pgs. 36-56)

Division 229 - Quilt Quest  
Pay Category #3

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.

When judging Quilt Quest exhibits, the judges consider SF209 “Standards for Judging Quilts and Quilted Items.” 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 3 layers. Quilts or quilted items must be quilted or tied through all layers. Fleece blankets are not eligible in this division. Quilts must have a permanent label on the back in the bottom-right corner with quilter’s name and date of completion.

Classes:

- **C-229-010**  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. Exhibit may be a 14 x 22 inch poster, notebook, CD, PowerPoint, Prezi, DVD, YouTube, or other technique. All items in an exhibit must be attached together and labeled. NO quilted items should be entered in this class.

SF208C Scoresheet for Education Exhibits and Computer Exploration.

C-229-020 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. SF208B

C-229-030 Computer Exploration - Poster or notebook 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. SF208C

C-229-040 Wearable Art - Quilted clothing or accessory which must have a recognizable amount of quilting. May include fabric manipulation. Quilting must be done by 4-H member. On a half sheet of 8 ½ x 11 inch paper, tell how you selected the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.

C-229-041 Inter-Generational Quilt - A quilt made by a 4-H member and family members or friends of different generations. On a half-sheet of 8 ½ x 11 inch paper, include an 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.? SF208E

C-229-042 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) How 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? SF208D

Guidelines for entries in classes 50-83 Quilted Exhibits

• In classes 50–83, counties may enter a total of 3 items distributed within the classes as the county chooses.
• Please note the description of classes. They denote degree of difficulty in construction and not the number of years in the project.
• A quilted exhibit consists of 3 or more layers.
• All quilted exhibits must be quilted (machine or hand) or tied.
• All quilt piecing and finishing must be the sole work of the 4-H member. Quilting, whether machine or hand quilted, may be done by another individual except for the Premier Quilt class.
• No pre-quilted fabric may be used.
• Wall quilts must have a hanging sleeve on the back of the quilt or some method for hanging. All quilted exhibits must be clean and finished for intended purpose.
• On a half sheet of 8 ½ x 11 inch paper, include an explanation answering the following questions: A) How did you select the design and fabrics including whether or not you used a kit, jelly roll, charm squares, etc.? B) What did you do and what was done by others? C) What did you learn you can use on your next project? SF208A

Sizes of Quilted Exhibits:

A) Small -length + width = less than 60”. This size includes miniature quilts, wall hangings, table runners, placemats (4), and pillows. All items must be quilted. Pillows must have a quilted top, not just pieced patchwork.
B) Medium - length + width = from 61” to 120”
C) Large - length + width = over 120”

Level I quilted exhibits - Pieced quilts made up of squares and/or rectangles.

C-229-050 Small C-229-052 Large
C-229-051 Medium

Level II quilted exhibits - In addition to squares and/or rectangles, quilts may have triangles, and/or may be embroidered.

C-229-060 Small C-229-062 Large
C-229-061 Medium

Level III quilted exhibits - In addition to any of the methods in classes 50-62, quilts may have curved piecing, appliqué, Celtic style, stained glass style, paper piecing, art quilt style, or other non-traditional styles.

C-229-070 Small C-229-072 Large
C-229-071 Medium

Premiere Quilt - Entire quilt is the sole work of the 4-H member, including quilting (hand or machine). Tied quilts are not eligible for this class.

C-229-080 Hand quilted C-229-082 Long arm quilted – non computerized/hand-guided
C-229-081 Sewing machine quilted C-229-083 Long arm quilted – computerized

DEPARTMENT D - ENVIRONMENTAL EDUCATION/Earth Sciences

Department D – Conservation & Wildlife

General Information

A. SHOW WHAT YOU DID & LEARNED - All exhibitors are encouraged to show evidence of their personal field experiences, study, or observations that relate to their exhibit. This helps judges understand what the 4-H’er did and learned in the process that led to the exhibit.
B. PROPER CREDIT - Show proper credit by listing the sources of plans or other supporting information used in exhibits.
C. WHOSE EXHIBIT? - The exhibitor’s name, county, age and address must be on the back or bottom of all displays so that the owner can be identified even if the entry tag becomes separated from the exhibit.
D. WILDLIFE & WILDLIFE LAWS - "Animal" or "wildlife" in the following instructions includes wild fish, amphibians, reptiles, birds, or mammals. Follow wildlife laws; example: wildlife law do not allow collection of bird nests, eggs, or any of their parts.
E. PROJECT MATERIALS - Related project booklets include Exploring Your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 59381), Fishing for Adventure Project Manuals, Wildlife Conservation (4-H 125), Outdoor Skills: Learning Science in the Outdoors series (Science Signature Outcome Program) and Wildlife Habitat Evaluation Handbook, Participants Manual (NE 4H4300).
F. BOARD AND POSTER EXHIBITS - These are displays that show educational information about a topic of interest. Board exhibits can hold objects such as fishing equipment or casts of animal tracks. Mount all board exhibits on ¼” plywood, Masonite, or similar panel no larger than 24” high by 24” wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 by 28 inches) but half size, 22 by 14 inches, is recommended.
G. SCORING - Sample score sheets are available at the extension office and on the UNL 4-H web page (http://4h.unl.edu).

Classes:

**Division 340 - Wildlife and How They Live (Classes 1-4)**

D-340-001 Mammal Display
D-340-002 Bird Display
D-340-003 Fish Display
D-340-004 Reptile or Amphibian Display

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

D-340-005 **Wildlife Connections** - This is a board or poster exhibit. The purpose of this display is to show interconnections and related aspects among animals, plants, and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals or between animals and their habitat. Displays might show how animals interact with other animals, with people, or with their habitat.

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

D-340-006 **Wildlife Tracks** - This is a 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 judges better understand what you did and learned. Positive casts (impressions as they would be in nature) are preferred.

**Options:**
- 1. Option one should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. (OR)
- 2. Option two 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.
- 3. Option three should show two tracks and include the animal’s habitat needs, including preferred food, shelter, water, and space in addition to picture or illustration of the animal.

D-340-007 **Wildlife Knowledge Check** - Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife related knowledge. Plan size and shape to fit transportation and display; maximum size 24 x 24 inches. Example: prepare a list of animals and questions about where each would most likely live. Rabbits-brushy areas along field borders; ducks-marshes, etc.

D-340-008 **Wildlife Diorama** - Box must be no larger than 24” x 24”. The exhibit might show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Example: show a large unbroken grassland or prairie for species such as meadowlarks, greater prairie-chicken, lark buntings, grasshopper sparrows, Ferruginous hawk, burrowing owl, horned lark, upland sandpiper, or pronghorn; AND/OR show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, mourning doves, cottontail rabbits, fox, squirrels, Northern cardinals, or blue jays. Label the habitats displayed and show at least five kinds of wildlife in their proper habitats.

D-340-009 **Wildlife Essay** - Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example, write about a particular species of wildlife that you have observed or about the values of wildlife. You might write about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about hunting, fishing, or ethics and proper behavior for hunting or fishing. For other ideas, refer to project booklets.
Division 346

D-346-001 Tanned Hides or Taxidermy - Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information:
   1. the animal’s name and
   2. information about the exhibitor’s personal field experiences, study, or observations that relate to the exhibit.
Division 347 – Other Natural Resources

D-361-001 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

Environmental Education & Earth Sciences

General Information

The official reference for all forestry projects is the Tree Identification Manual (4-H 332), which was recently revised and is available for purchase from UNL Marketplace (http://marketplace.unl.edu/ne4h/tree-identification-manual-691.html). Other helpful forestry references include Trees of Nebraska (EC 92-1774-X), Leafing Out (4-H431) and Plant a Tree (EC 17-11-80).

Display "boards" must be made from wood or wood composite, e.g. plywood, fiberboard, or Masonite, ½” thick and no larger than 24” x 24”. Display boards may be coated, e.g., painted or varnished, on both sides to prevent warping. 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”.

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

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

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.

Another important judging factor is how well the exhibitor follows the directions for the exhibit class.

Classes:

Division 320- FORESTRY

D-320-001 Design-Your-Own Exhibit – Prepare an educational exhibit about some aspect of trees, forests or forestry that is of special interest to you. Possible topics include paper recycling, wild fire, forest products, forest wildlife, or forest pests. The only requirement is that the display must be no larger than 24”x24”. Photographs, drawing, samples, charts, posters, etc. can be used but include enough

Pay Category #4
information to adequately explain the topic. Your display should be substantially different from other display classes. Be as creative as you like.

**D-320-002 Leaf Display** – The leaf display must include samples of “complete leaves” from at least 10 different tree species. The display must include at least two samples of simple leaves, compound leaves, and conifer leaves. Leaves should be pressed, dried and mounted.

**Collection:** Whenever possible, collect leaves from mature trees. Collect leaves any time after they have reached full size, usually beginning in early summer. Leaf samples should be in good condition and representative of the average leaves on the tree. Keep in mind that shaded leaves often are much larger than normal. Carefully remove leaves from the twig with the entire petiole or rachis (if compound) 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 leaves, e.g. wire, glue, tape, staples, plastic bags, but be sure all their features can be clearly identified.

**Labeling:** The label for each sample must include:

1. Common Name
2. Scientific Name
3. Leaf Type
4. Leaf Arrangement
5. Leaf Composition (for broadleaf trees)
6. Exhibitor’s Name
7. Collection Date
8. Collection Location (be specific, state and county at a minimum)

If a twig is included with a sample, indicate “twig included” on the label. For example, the twig may be included with an Easter 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.

**D-320-003 Twig Display** – The twig display must include twig samples from at least 10 different tree species. The display must include at least two samples of opposite and alternate leaf arrangements from broadleaf trees.

**Collection:** Twig samples should be collected during the dormant season (November-April) when the buds are mature. Twig samples must be at least 6 inches long and exhibit buds. Leaves must be removed and side branches must be trimmed to less than 1 inch in length.

**Mounting:** Twigs must be mounted on a display board. Any method, e.g. wire, glue, tape, staples, plastic bags, may be used to mount twigs, but be sure all features can be 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, state and county at a minimum)

Supplemental information, e.g. General uses, tree characteristics, etc., may be included with the display to enhance its educational value.

**D-320-004 Seed Display** – The seed display must include seed samples from at least 10 different tree species.

**Collection:** Tree seeds should be collected at the time of year when they mature, which varies widely depending upon tree species. For example, Silver maple seeds mature in May while red oak acorns do not mature until September. Remember to display the seeds, and not the fruit. For example, the seed of honey locust is enclosed in a pod. Remove and display the seed, not just the pod. It is acceptable to display the fruit with the seed, but clearly label each.

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

**Labeling:** The label for each sample must include:

1. Common Name
2. Scientific Name
3. Type of fruit, if known (e.g.,-pamara, pod, nut, legume, etc.)
4. Exhibitor’s Name
5. Collection Date
6. Collection Location (be specific, state and county at a minimum)

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

**D-320-005 Wood Display** – The wood display must include wood samples from at least 10 different tree species.

**Preparation:** Samples may be of any shape, e.g. sections from a board, wood cylinders turned on a lathe, horizontal or vertical cross sections of a small log with bark attached, etc., but all samples should be the same shape, e.g. All wood cylinders or all sections of a board. Each
sample can be no larger than 4"x4"x4". 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 but they must be securely mounted and easily viewed. For example, wood samples may be mounted on a display board or displayed in a box or rack. 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. Exhibitor’s Name
5. Collection Date
6. Collection Location (be specific, state and county at a minimum)

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

D-320-006 Cross Section- Display a disc cut from a tree species listed in 4H332. 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. 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 D. One growth ring (beginning and end)
B. Heartwood E. Cambium
C. Sapwood 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 (state and county at a minimum)

D-320-007 Parts of a Tree – This project is only for ages 8-11.

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

a) Trunk e) Flowers
b) Crown f) Fruit
c) Roots g) Buds
d) Leaves 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.

D-320-008 Living Tree - Display a living tree seedling grown by the exhibitor from seed in the display container. The seed must be from a species listed in 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 hole(s), and a drain pan to catch drainage water.

Labeling: A waterproof label must be attached and include:

1. Common Name
2. Scientific Name
3. Seed Treatments (if any)
4. Planting Date
5. Emergence Date
6. Exhibitor’s Name

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

DEPARTMENT E – NUTRITION, FOODS & FOOD PRESERVATION

RULES:
A. GENERAL - Members may exhibit only in the project in which enrolled. Products should be baked the day before entry day.
B. ENTRIES PER INDIVIDUAL - One entry per exhibitor per class.
C. LABELS - For ALL FOOD PRODUCTS - Each exhibit must include the recipe. Recipe may be handwritten, photocopied or typed. Place the food on the appropriate size plate. Put exhibit in a self-sealing bag. Attach entry tag and recipe at the corner of the bag on the outside. FOR NON-FOOD ENTRIES-Please attach the entry tag to the upper right hand corner of the entry. GENERAL LABELING INFORMATION- All additional information pieces (recipes, special items) must be labeled with exhibitor’s name and county.
D. CRITERIA FOR JUDGING - Exhibits will be judged according to score sheets available at the extension office. Make sure to follow all entry instructions required for your exhibit. Incomplete exhibits will be lowered a ribbon placing. Commercially prepared mixes are allowed in the
Tasty Tidbits Creative Mixes (Class 2) exhibit ONLY. Prepared baking mixes, biscuit mixes, or other pre-made mixes entered in other categories will be lowered a ribbon placing.

E. ENTER FOOD PROJECTS in disposable materials, i.e., paper plate and plastic self-sealing bag. The Butler County Fair is not responsible for lost bread boards, china or glassware.

F. Ingredients that the 4-H member cannot legally purchase, such as beer, whiskey, rum, etc. may not be used in any recipe or foods exhibit. Exhibits that include alcohol in the recipe will be disqualified. This includes menu and recipe file exhibits.

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

Department E - Foods and Nutrition

Classes:

Division 401 - Six Easy Bites Pay Category #4
*E-401-001 Cookies (any recipe) - Four on a paper plate.
*E-401-002 Muffins (any recipe) - Four on a paper plate.
*E-401-003 Simple Snack (any recipe) – (granola, trail mix, cereal based snack recipes, etc.) two bars on small paper plate or at least ½ cup of snack product in self-sealing zip lock bag.
*E-401-004 Brownie Cents - four unfrosted brownies (2 made from scratch and 2 made from a mix). Exhibit with answers to questions on page 23 in manual under “Kitchen Talk”. Label brownies made from scratch.

Division 350-General
E-350-001 Food Science Explorations
Open to any 4-H’er enrolled in a Foods and Nutrition project. Show the connection between food and science as it relates to food preparation, food safety, or food production. Exhibit may be a poster or foam core board (not to exceed 22” by 30”), computer based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, and a written report in portfolio or notebook. Consider neatness and creativity.

E-350-002 Food and Nutrition Poster, Scrapbook or Photo Display
Open to any 4-H’er enrolled in a Foods and Nutrition project, involving a nutrition or food preparation or career concept/lesson. This might contain pictures, captions, and/or reports to highlight the concept. Exhibit may be a poster or foam core board (not to exceed 22” by 30”), computer based presentation printed off with notes pages, if needed, and displayed in binder, an exhibit display, and a written report in portfolio or notebook. Consider neatness and creativity.

E-350-003 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 notes pages, if needed, and displayed in binder, an exhibit display, and a written report in portfolio or notebook. Consider neatness and creativity.

Division 402 - Fast Foods! Pay Category #4
E-402-001 Coffee Cake (any recipe or shape, non-yeast product) - At least 3/4 of baked product. May be exhibited in a disposable pan. Include menu for a complete meal where this recipe is served. Scoresheet SF129
E-402-002 Cost Comparison Exhibit - Exhibit must include both the food product made from scratch and the comparable purchased product (for example, homemade cinnamon rolls compared to a premade 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. Scoresheet SF132
E-402-003 Fast Food 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 alternative preparation method and how it compares with traditional method. Scoresheet SF133
E-402-005 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’er is in project, with year clearly marked on recipes. Display in recipe file or in a binder. Be sure to include the number of servings or yield of each recipe. Scoresheet SF251a
*E-402-006 Fast Food Quick Baked Product – Use five to seven ingredients to make a “quick” baked product. May be any recipe. Prepackaged products may be used in recipe, ex. Refrigerated dinner roll, pre-made bread dough, etc. Display proper amount of food item (4 on a plate or ¾ or more of baked item). Supporting information must include experiences in making a fast food baked product.

Division 410 - Tasty Tidbits Pay Category #4
E-410-001 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, or altered using 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. Scoresheet SF123
E-410-002 Creative Mixes - (any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan.) Baked item made from a mix (commercial or homemade mixes acceptable). Food product must have been modified to make a
new or different baked item. (Examples include poppyseed quick bread from a cake mix, cake mix cookies, sweet rolls made from
readymade bread dough, monkey breads from biscuit dough, streusel coffee cake from a cake mix, etc.). Write what you learned
about making this product using a mix instead of a homemade recipe or recipe “from scratch.” Does it make it better or easier to use
a convenience product or mix? Why or why not? Scoresheet SF142

**E-410-003** Biscuits - Four biscuits on a small paper plate. This may be any type of biscuit -rolled, dropped, any recipe. Recipe must be a non-yeast
product baked from scratch. Scoresheet SF136

**E-410-004** Unique Baked Product – (any recipe, at least ⅔ 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 an unusual ingredient. What was the anticipated outcome?
Would you make it again? Scoresheet SF2012-001

**E-410-005** Foam Cake – original recipe (no mixes) of at least ⅔ 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. ScoresheetSF134

*E-410-006 Interview* a person who works in a food related job. Maximum of two pages, one sided neatly handwritten write up of an interview
with a person who works in a food related job. Consider creativity and neatness. Mount on a 9”x12” colored paper or poster board.
Include a picture of the person interviewed. (May be laminated to preserve exhibit.) Overall size of mounted exhibit should be no
larger than 9x12 inches.

**Division 411 - You're The Chef**

Pay Category #4

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.

**E-411-001** Loaf Quick Bread (any recipe) – At least ¾ of a standard loaf displayed on a paper plate. Quick bread is any bread that does not
require kneading or rising time and does NOT include yeast. A standard quick bread loaf measures approximately 8 ½” x 4 ⅞” or 9” x
5”. If mini-loaf pans are used for exhibit, two loaves must be presented for judging. Scoresheet SF128

**E-411-002** White Bread (any yeast recipe) - At least 3/4 of a standard loaf displayed on a paper plate. Scoresheet SF138

**E-411-003** Whole Wheat or Mixed Grain Bread (any yeast recipe) - At least 3/4 of a standard loaf displayed on a paper plate. Scoresheet SF138

**E-411-004** Specialty Rolls – (any yeast recipe) 4 rolls on a paper plate. May be sweet rolls, English muffins, kolaches, bagels, or any other similar
recipe. Scoresheet SF138

**E-411-005** Dinner Rolls – (any yeast recipe) 4 rolls on a paper plate. May be clover leaf, crescent, knot, bun, bread sticks, or any other type of
dinner roll. Scoresheet SF138

**Division 413 - Foodworks**

Pay Category #4

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.

**E-413-001** Double Crust Fruit Pie - Made with homemade fruit filling. No egg pastries or cream fillings. No canned fillings of premade pie crusts.
May be a double crust, crumb, cut-out or lattice topping. Using an 8- or 9-inch disposable pie pan is recommended. Scoresheet SF144

**E-413-002** Family Food Traditions – (any recipe, at least ⅔ of baked product or 4 muffins or cookies on a paper plate. May be baked in a
disposable pan.) Any baked item associated with family tradition and heritage. Entry must include (A) recipe, (B) tradition or heritage
associated with preparing, serving the food, (C) where or who the traditional recipe came from.

**E-413-003** Cultural Food Exhibit – (any recipe, at least ⅔ of baked product or 4 muffins or cookies on a paper plate. May be baked in a
disposable pan.) The name of the country, culture or region should be included as part of the supporting information with the recipe,
as well as some background information about the country or culture the food item is representing. Scoresheet SF146

**E-413-005** Specialty Bread (any recipe made with yeast) - Tea rings, braids, or any other full sized specialty bread products. Must exhibit at least
¾ of a full-sized baked product. May be baked in a disposable pan. Scoresheet SF141

**E-413-006** Specialty Pastry any recipe, at least 3/4 of baked product or 4 on a paper plate. May be baked in a disposable pan.) Baked items such as
pie tarts, puff pastry, phyllo doughs, scones, biscotti, choux, croissants, Danish, strudels. Phyllo dough may be pre-made or made
from scratch. Pastries made with cream or egg based fillings will be disqualified. Four on a paper plate or least 3/4 of baked product.
Scoresheet SF143

**Department E - Confectionaries**

Pay Category #3

Exhibit by an individual enrolled in the cake decorating project. Cakes may be flat, cut up or layered. Following are the division designations:

Beginning Division - decorating for first year

Middle Division - decorating for 2-4 years

Advanced Division - decorating for five plus years

**Classes**

*E-408-001* Decorated Cake with Confections - Beginning Division

*E-408-001A Decorated Cake with Buttercream – Beginning Division

*E-408-002* Decorated Box, Bowl, Block, etc. with Confections - Beginning Division

*E-408-002A Decorated Box, Bowl, Block, etc. with Buttercream -Beginning Division

*E-408-003* Decorated Cake with Buttercream (May use borders) - Middle Division

*E-408-003A Decorated Cake with Fondant (May use borders) - Middle Division

*E-408-004* Decorated Box, Bowl, Block, etc. with Buttercream (May use borders) - Middle Division

*E-408-004A Decorated Box, Bowl, Block, etc. with Fondant (May use borders) - Middle Division
**E-408-005** Decorated Cake with Buttercream (Must use borders) - Advanced Division

**E-408-005A** Decorated Cake with Fondant (Borders optional) - Advanced Division

**E-408-006** Decorated Box, Bowl, Block, etc. with Buttercream (Must use borders) - Advanced Division

**E-408-006A** Decorated Box, Bowl, Block, etc. with Fondant (Borders optional) - Advanced Division

**E-408-007** Decorated Cake with the county fair theme – ALL Divisions

**E-408-008** Set of Four Different Buttercream Borders- Middle or Advanced Divisions only. This is a companion entry for classes 003 through 006A. Borders cannot be entered without a decorated cake or “box”. Piped in color with #16, #17 or #18 tip. Use same tip on all four borders. Use a 6” x 8” covered cardboard and allow 1 inch space around outside for handling, piping borders on the 4” x 6” center area of cardboard.

**E-408-009** Decorated tier cake with one or more borders – Middle or Advanced Divisions only.

**E-408-010** Other Decorated Item - such as sugar Easter eggs, etc. on a base no larger than 15” x 15”.

**Division 430 – Sugar Confectionaries-Candies**

4-H members taking the “Confectionaries” project may enter each class. Include the recipe. **Recipes in which the egg/egg white is not cooked cannot be used.**

Classes:

- **E-430-001** No-Cook Candies - must be four to a plate.
- **E-430-002** Dipped Candies - must be four to a plate.
- **E-430-003** Molded Candies - must be four to a plate.
- **E-430-004** Cooked Candies - must be four to a plate.

- **E-430-005** Microwave Candies - must be four to a plate.
- **E-430-006** Candy - Other (does not fit in above categories) must be four to a plate.

**Division 900 - Food Flop**

This entry is open to any 4-H member enrolled in a foods project. As 4-H’ers, you are learning by doing. Sometimes we have failures when preparing our exhibits. This class focuses on taking these failures and learning from them. This is a county fair exhibit only. Entries must include the following:

1. Name
2. A one-page story on an 8½” x 11” paper telling about your experience, what you learned from it, and what you would do different next time. Include in your story what project you are taking and what the original entry was.
3. Sample of the “Food Flop”.

**Class:**

- **E-900-001** Food Flop

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**Department E - Food Preservation**

**Food Preservation Rules**

A. **ENTRIES PER INDIVIDUAL** - One entry per exhibitor per class.

B. **PROCESSING METHODS** - Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jam, preserves and marmalades, fruit, tomatoes and pickled products must be processed in a boiling water bath. (Tomatoes may be processed in a pressure canner.) All non-acid vegetables and meats must be processed in a pressure canner. Spoiled or unsealed container disqualifies entry.

C. **UNIFORMITY** - Jars and type of lid should be the same size, all small or large, not necessarily the same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated by the exhibitor in any way. Canning jars must be used - others will be disqualified. No one-fourth pint jars allowed. Leave jar rings on for display, it helps protect the seal. **No zinc lids. Improperly canned or potentially hazardous food items will be disqualified.**

D. **CURRENT PROJECT** - All canning must be the result of this year’s 4-H project, since September 1, of the previous calendar year.

E. **CRITERIA FOR JUDGING** - Exhibits will be judged according to score sheets available at your local Extension office or at http://4h.unl.edu/statefair4h. Incomplete exhibits will be lowered a ribbon class. Canned food items not processed according to altitude in the county will be lowered one class ribbon. Check with your local extension office for your county’s altitude and how that affects food processing times and pounds of pressure.

F. **RECIPE/LABELING** - Recipe must be included, may be handwritten, photocopied or typed. Commercially prepared mixes are not allowed. See http://food.unl.edu/web/preservation/home for current USDA guidelines, how to find your Nebraska altitude, and proper procedures for food preservation. Jars should be labeled with name of 4-H’er, county, name of product and date of processing. Write plainly on a label and paste or tape securely on jar bottom. In addition:

All canned foods must include the following supporting information:

1. Method of preservation (pressure canner or water bath canner)
2. Type of pack (raw pack or hot pack)
3. Altitude (and altitude adjustment, if needed)
4. Processing time
5. Number of pounds of pressure (if pressure canner used)
6. Recipe and source of recipe (f a publication, include name and date). **RECIPE CAN COME FROM ANY SOURCE, BUT CURRENT USDA GUIDELINES FOR FOOD PRESERVATION METHODS MUST BE FOLLOWED.** See http://food.unl.edu/web/preservation/home for current USDA guidelines.
All dried foods must include the following supporting information:

1. Recipe and recipe source
2. Method of pretreatment
3. Drying method and drying time.

Write plainly on label and attach securely to exhibit. Securely attach official entry card to exhibit. Multiple dried food exhibits should be secured by a rubber band or “twisty” to keep exhibit containing the 3 self-sealing bags together.

Classes:

Division 407 - Food Preservation

Pay Category #4

E-407-001 Dried Fruit - Exhibit 3 different examples of dried fruit. Place each dried fruit food (6-10 pieces of fruit, minimum 1/4 cup) in separate self-sealing bags. Use a rubber band or “twisty” to keep exhibit together. SF147

E-407-002 Fruit Leather - Exhibit 3 different examples of 3 different fruit leathers. Place a 3-4” sample of each fruit together in separate self-sealing bags. Use a rubber band or “twisty” to keep exhibit together. SF147

E-407-010 Dried Vegetables - Exhibit 3 different samples of dried vegetables. Place each food (1/4 cup of each vegetable) in a separate self-sealing bag. Use a “twisty” to keep exhibit together. SF149

E-407-011 Dried Herbs - Exhibit 3 different samples of dried herbs. Place each food (1/4 cup of each herb) in a separate self-sealing bag. Use a "twisty" to keep exhibit together. SF149

E-407-012 1 Jar Fruit Exhibit - One jar of a canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations. SF150

E-407-013 3 Jar Exhibit - Exhibit 3 jars of different canned fruits. May be three different techniques for same type of product, ex. Applesauce, canned apples, apple pie filling, etc. Entry must be processed in the boiling water bath according to current USDA recommendations. SF150

E-407-014 1 Jar Tomato Exhibit - One jar of a canned tomato product. Entry must be processed in the boiling water bath according to current USDA recommendations. SF150

E-407-015 3 Jar Tomato Exhibit - Exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.) Entry must be processed in the boiling water bath according to current USDA recommendations. SF150

E-407-020 1 Jar Vegetable or Meat Exhibit - One jar of a canned vegetable or meat. Include only vegetables and meat canned in a pressure canner. Entry must be processed in the boiling water bath according to current USDA recommendations. SF150

E-407-021 3 Jar Vegetable Exhibit - Three jars of different kinds of canned vegetables. Include only canned vegetables canned in a pressure canner according to current USDA recommendations. SF150

E-407-022 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. SF151

E-407-030 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. SF150

E-407-031 3 Jar Exhibit - Three jars of different kinds of canned pickled and/or fermented products. Entry must be processed in the boiling water bath according to current USDA recommendations. SF150

E-407-040 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. SF153

E-407-041 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. SF153

Division 440 - General Safety

Pay Category #4

Classes:

E-440-001 First Aid Kit: A first aid kit is a good way to organize supplies in an emergency. The kit should be assembled in a container appropriate for the kit’s intended use. A description of where the kit will be stored and examples of specific emergencies for that situation should be included in the exhibit. The kit should include a written inventory and purpose statement for included items. Items should cover the following areas: airway and breathing, bleeding control, burn treatment, infectious disease protection, fracture care and miscellaneous supplies. Use Citizen Safety manual, 4-H 425, pages 6 & 7 and score sheet SF110 for guidance. Kits containing any of the following will be automatically disqualified:

a. Prescription medications. (If the kit’s purpose is to provide medication for someone with special needs, explain in the written description and inventory, but remove the medication.)

b. Materials with expiration dates on or before the judging date. (This includes sterile items, non-prescription medications, ointments, salves, etc. Articles dated month and year only are considered expired on the last day of that month.)

c. Any controlled substance.

E-440-002 Disaster Kit: (Emergency Preparedness) - Disaster kits must contain the materials to prepare a person or family for emergency conditions caused by a natural or man-made incident. Selection of materials is left to the exhibitor. Family or group kits must have enough material or items for each person. A description of the kit’s purpose, the number of people supported, and a list of contents are required. Youth are encouraged to test their kit by challenging their family to try to survive using only the include materials for the designated theme. If tested, share the experience in kit documentation. Please include short explanation of water needs for your disaster kit. Do not bring actual water to the fair in the kit. Refer to score sheet SF111.

E-440-003 Safety Scrapbook - The Scrapbook must contain 15 news articles from print and/or Internet sources about various incident types. Mount each clipping on a separate page, accompanied by a description of events leading to the incident and any measures that might have prevented it. The Scrapbook should be bound in a standard size hardcover binder or notebook for 8 ½” X 11” size paper. Correct sentence structure, readability and thorough explanations are an important part of judging.
Safeguard 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. (SF####)

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.

*E-440-006 Safety Poster

Division 450 - Fire Safety Education Pay Category #4

Classes:

E-450-001 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 28”. (SF269)

E-450-002 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” sized paper. Correct sentence structure, readability and thorough explanations are an important part of judging. (SF270)

E-450-003 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”. (SF268)

Department E - Division 957- Shooting Sports Pay Category #4

A. NO FIREARMS may be exhibited. ALL SHARP ITEMS i.e. broad heads, knives, etc., must be enclosed in a plexiglass display case. Display cases must be 12” w x 18” l x 4”d. and displayed so judges can open them to examine items. Items must be secured in the case.

B. All Shooting Sports projects must have a 5” x 8” note card securely attached describing: 1) The project and how it applies to Shooting Sports; 2) Experience gained in making the project; and 3) How the project will be used. Information should be neatly hand-written or typed on one side only of a card.

C. All exhibits should be self-explanatory and educational to viewers. Written explanations should be short and neat.

D. Name and address of exhibitor must be on the back of each exhibit. This should be permanently written on the project to identify the owner if entry card becomes lost.

E. Exhibits that are dangerous or improperly prepared will be refused entry.

Classes:

*E-957-001 Archery Educational Display - Poster or display concerning Archery as part of the Shooting Sports project. Must be mounted on 1/4” or 3/8” thick plywood, Masonite, or similar panel, 24” x 24” (24” High x 22” Wide will be accepted). Display must be three-dimensional, NOT to exceed 2” from face of poster. Display may include safety, building or using equipment, or any aspect of Archery.

*E-957-002 Archery Accessory - Any accessory such as quivers, targets, possible boxes, survival kits, etc. All items must be made by the exhibitor except for such items as a broad head collection.

*E-957-003 Archery Equipment - Includes all archery equipment which has been made by the exhibitor. NO BOWS are allowed due to safety and theft factors. Examples of acceptable items would be: arrows, hand-chipped flint arrow head, etc. Bows built by exhibitor may be shown in photo story in this class.

*E-957-004 Rifle/BB Gun/Air Rifle Education Display - Poster or display concerning Rifle/BB Gun/Air Rifle as part of the Shooting Sports project. Must be mounted on 1/4” or 3/8” thick plywood, Masonite, or similar panel 24” x 24” (24” High x 22” wide will be accepted). Display may be three-dimensional, NOT to exceed 2” from face of poster. Display may include safety building or using equipment, or any aspect of Rifle/BB Gun/Air Rifle.

*E-957-005 Rifle Accessory - Any accessory such as shooting mats, slings, targets, etc. that have been made by the exhibitor. All items must be safe to display.

*E-957-006 Rifle Equipment - Include all equipment made by the exhibitor NOT including rifles. Examples: stocks, gun racks, target stands, etc. (May not duplicate accessories). Custom firearms maybe shown in a photo story in this class.

*E-957-007 Shotgun Educational Display - Poster or display concerning shotguns as part of the Shooting Sports project. Must be mounted on 1/4” or 3/8” thick plywood, Masonite, or similar panel, 24” x 24” (24” High x 22” wide will be accepted). Display may be three-dimensional, NOT to exceed 2” from face of poster. Display may include safety, building, or using equipment, or any aspect of Rifle/BB Gun/Air Rifle.
*E-957-008 Shotgun Accessory - Any accessory such as trap vests, trap bags, etc. NO FIREARMS MAY BE DISPLAYED. All items must be safe to display.

*E-957-009 Shotgun Equipment - Any equipment made by the exhibitor such as custom stock, etc. NO FIREARMS MAY BE DISPLAYED.

*E-957-010 Muzzleloading Educational Display - Poster or display concerning muzzleloading as part of the Shoot Sports project. Must be mounted on 1/4" or 3/8" thick plywood, Masonite, or similar panel. 24" x 24" (24" high x 22" wide will be accepted). Display may be three-dimensional, NOT to exceed 2" from face of poster. Display may include safety, building or using equipment, or any aspect of muzzleloading.

*E-957-011 Muzzleloading Accessories - Any accessory such as: possible bag, clothing, pouch, powder horn, etc. All items must be safe to display.

*E-957-012 Muzzleloading Equipment - Includes all equipment made by the exhibitor. NO FIREARMS MAY BE DISPLAYED. Custom-made muzzleloaders may be shown in a photo story in this class.

*E-957-013 Pistol Educational Display - Poster or display concerning pistol as part of the Shooting Sports project. Must be mounted on 1/4" or 3/8" thick plywood, Masonite, or similar panel 24" x 24" (24" high x 22" wide will be accepted). Display may be three-dimensional, NOT to exceed 2" from face of poster. Display may include safety, building or using equipment, or any aspect of pistol.

*E-957-014 Pistol Accessory - Any accessory such as: holster, belt, shell holder, etc. that has been made by the exhibitor. All items must be safe to display.

*E-957-015 Pistol Equipment - Includes all equipment made by the exhibitor. Examples: pistol-grip, custom sights, etc. NO FIREARMS MAY BE DISPLAYED. Pistols which are custom-made or refinshed by exhibitor may be shown in a photo story in this class.

*E-957-016 Wildlife Educational Display - Poster or display concerning Wildlife and/or Hunting Lore as part of the Shooting Sports project. Must be mounted on 1/4" or 3/8" thick plywood, Masonite, or similar panel 24" x 24" (24" high x 22" wide will be accepted). Display may be three dimensional, NOT to exceed 2" from face of poster. Display may include safety, habitat, species characteristics, or any aspect of wildlife.

*E-957-017 Wildlife Accessory - Accessory could be: wildlife habitat maps, nesting boxes, waterers, etc. All items must be made by exhibitor. All items must be safe to display.

DEPARTMENT F - ENTREPRENEURSHIP

ESI: EntrepreneurShip Investigation

General Information:

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

Exhibit Guidelines:

The 4-H member’s name, age, town and county must be listed on the back of the exhibit. Entry cards should be stapled (not paper-clipped or taped) to the upper right-hand corner of the posters.

If exhibit is a poster it must be 14” x 22” and may be arranged either horizontally or vertically.

Poster may not use copyrighted materials, such as cartoon characters or commercial product names.

Exhibits which do not conform to size or content guidelines will be lowered one ribbon placing. Posters may include photographs, charts or examples as well as a written explanation.

Posters may be laminated to protect them. Loose plastic coverings used to protect the exhibit while being transported will be removed by the superintendent for evaluation and display.

Classes: Pay Category #4

Division 531 – Scoresheet SF181

For classes 1-3, follow guidelines for posters.

ESI Unit 1 Discover the E-Scene

F-531-001 Interview an Entrepreneur – Share what you learned from the person about starting and running a business or how they deliver excellent customer service. How will what you have learned through this interview change your future plans or ways of thinking about business? (Based on pages 2.1 - 2.4 of manual)

F-531-002 Picture Story of a tour or field trip to study entrepreneurship and/or business operation. (Based on pages 2.1 - 2.4 of manual)

ESI Unit 2 The Case of ME

F-531-003 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 printout of the note pages which show each slide and include an explanation of each slide. Enter exhibit in a report cover with fasteners (no slide bars). Refer to page 2.4 of Unit 2 The Case of ME for ideas.

ESI Unit 3 Your Business Inspection

F-531-005 Marketing Package - (mounted on a 14” x 22” poster) must include at least three items (examples) developed by the 4-H’er from the following list: business card, brochure, advertisement, business promotional piece, printout of an internet home page, packaging design, signs, logo design, direct mail piece, etc. The marketing package should be for an original business developed by the 4-H’er and not an existing business.

F-531-006 Sample of an Original Product with an information sheet (8 ½” x 11”) answering the following questions:
1. What did you enjoy the most about making the product?
2. What challenges did you have when making the product? Would you do anything differently next time? If so, what?
Individuals in the Crop Production, Field Crops project may exhibit grain or plants or prepare an educational display representing their project.

A. 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 dryland, 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.

DEPARTMENT G - PLANTS & ANIMALS

Department G - Agronomy (Crops & Range)

Including projects related to Field Crops & Range

The purpose of these exhibits is to demonstrate to the public the benefits from the study and application of crop, weed, range and soil sciences to solving problems in management, conservation, sustainability and environmental protection.

For guidelines on specific projects, refer to appropriate project manuals.

DEPARTMENT F - JUDGING CONTESTS

Favorite Food Revue

4-H'ers enrolled in any foods project are eligible to enter one display for this contest on Tuesday, June 9, 4:00 p.m. at the Hain Building, Butler County Fairgrounds.

Each individual plans a menu. The display will include dishes, flatware, table coverings and a centerpiece. No food will be displayed. The menu should be neatly printed or typed onto one side of a recipe card. The selected recipes from the menu should also be on a recipe card.

Card table or table space must be provided by the participant.

Participants will be interviewed and judged on the menu, appropriateness of table setting for menu, the recipe cards, clarity of directions, and participant’s understanding of meal planning and food preparation. Written and oral comments will be given.

Photos of contestants will be displayed at the County Fair. All participants are invited to set up their display at the fair.

Classes:

Division 501
*F-501-001 Beginning Favorite Foods (8-12 years old)
*F-501-002 Advanced Favorite Foods (13 years & up)

Other Judging Contests

Classes:

Division 502 - Livestock Judging Contests

Livestock Judging (will be held at the Butler County Fairgrounds on May 22 beginning with registration at 6:00 p.m. and the contest to begin at 6:30 p.m.)

F-502-001 Junior Division (ages 8-11)
F-502-002 Intermediate Division (ages 12-13)
F-502-003 Senior Division (ages 14 and older)
F-502-004 Dairy

Miscellaneous Contests

F-502-006 Weed ID
F-502-007 Horticulture ID
F-502-008 Tree ID
F-502-009 Insect ID
F-502-010 Other contest not listed.
B. The essay counts as 50% of the total when judged. Essay must be the original work of the individual exhibitor. Attach the essay to the entry in a clear plastic cover 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 (i.e. disease and insect damage, grain fill), uniformity (size, shape, color, maturity), and quality of exhibit. Refer to Scoresheet SF264.

C. Grain exhibits must be one gallon per sample. Grain exhibits harvested in the fall (e.g., corn or soybeans) may be from the previous year’s project. Display containers will be furnished.

D. Plant exhibits with the exception of ears of corn, must be the result of the current year’s project.
   - Corn 10 ears or 3 stalks (cut at ground level with no roots or soil and bound together)
   - Grain Sorghum - 4 stalks (cut at ground level and bound together)
   - Soybeans - 6 stalks (cut at ground level and bound together)
   - Small grains (oats, barley, wheat, triticale) - sheaf of heads 2 inches in diameter at top tied with stems about 24” long.
   - Other crops (alfalfa, millet, etc.) sheaf of stems 3 inches in diameter at top tied with stems cut at ground level or half size small square bale.

Classes:
- **G-750-001** Corn (includes yellow, white, pop, waxy, or any other type)
- **G-750-002** Soybeans
- **G-750-003** Oats
- **G-750-004** Wheat
- **G-750-005** Any Other Crop (includes grain sorghum, alfalfa, millets, barley, rye, triticale, amaranth, dry beans, sugar beet, mung bean, canola, forage sorghum, safflower, etc.)

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. Refer to Scoresheet SF259
   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.

Classes:
- **G-750-006** Crop Production Display - The purpose of this class is to allow original and creative exhibits that contain educational information about crop production aspects, such as crop scouting, alternative crops, etc.
- **G-750-007** Crop Technology Display - Display information about aspects of technology used in crop production, such as genetic engineering, crop breeding, GPS, yield mapping, computers, etc.
- **G-750-008** Crop End Use Display - Display information about the uses for a crop, such as food, feed, fuel, or other products.
- **G-750-009** 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.
- **G-750-010** 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.

**Department D - Range Management**

A. Individuals in Reading the Range Unit 1 project may exhibit in Classes 1-5, and 8.
B. Individuals in the Using Nebraska Range Unit 2 project may exhibit in Classes 1-8.
C. Each exhibit must be properly identified with Unit and Class.
D. All plant displays and display covers must be the result of the current year’s work.
E. Plant identification and lists of appropriate plants in each category (grasses, forbs, shrubs, and grass-like plants) can be found in the Range Judging Handbook and Contest Guide (EC150, Revised July 2009), Common Grasses of Nebraska (EC170), and Common Forbs and Shrubs of Nebraska (EC118).

**Division 330 – Books**

A. For books, plants must be mounted on sheets that are no larger than 14” wide by 14” high. Plants should be glued rather than taped and the mounts should be protected with a clear cover. Proper plant mount should include root as well as stem and leaf tissue.
B. Exhibits will be judged based on completeness of plant mount, accuracy of identification, labeling, neatness and conformation to project requirements. Refer to Scoresheet SF260.
C. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: 1. Scientific Name (in italic or underlined), with authority. 2. Common Name. 3. County of Collection. 4. Collection Date 5. Collector’s Name. 6. Personal collection number, indicating order that plants were collected in your personal collection. 7. Other information, depending on class selected, i.e., value and importance, life span, growth season, origin, major types of range plants. This information should be typed or printed neatly.
**Division 330**

**Value and Importance for Livestock Forage and Wildlife Habitat and Food Book** – A collection of 12 different plant mounts, with 4 classified as high value, 4 as medium value, and 4 as low value for livestock forage, wildlife habitat, or wildlife food. Value and importance classifications can be found in the Range Judging Handbook and Contest Guide (EC150, Revised July 2009) on pages 3 through 6. Plants can consist of any combination of grasses, grasslike plants, forbs, or shrubs. Assemble plant mounts in order of high, medium, and low value and importance. Label each plant mount with its value and importance classifications for each of the three areas: Livestock Forage, Wildlife Habitat, and Wildlife Food.

**Life Span Book** – A collection of 6 perennial plants and 6 annual plant mounts and 6 warm-season grass mounts selected from grasses or forbs.

**Growth Season Book** – A collection of 6 cool-season grass mounts and 6 warm-season grass mounts.

**Origin Book** – A collection of plant mounts of 6 native range grasses and 6 introduced grasses. Introduced grasses are not from North America and often used to seed pastures.

**Major Types of Range Plants Book** – A collection of plant mounts of 3 grasses, 3 forbs, 3 grass-like, and 3 shrubs.

**Range Plant Collection Book** – A collection of 12 range plant mounts with something in common (i.e. poisonous to cattle or historically used as food by Native Americans, or dye plants, or favorite antelope forage, etc.) Include a short paragraph in the front of the book which describes what the plants have in common and why you have chosen to collect them.

**Division 330 – Displays** - The purpose of the display is to tell an educational story to those that view the display. The display is a visual representation (pictures, charts, graphs) no larger than 28” by 28” on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor’s name, address, and county on back side. Refer to Scoresheet SF259.

**Parts of a Range Plant Poster** – Mount a range plant on a poster board. Label all the plant parts. Include the plant label in the power right corner. Put your name and 4-H county on the back of the poster.

**Division 330 – Boards**

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

**Range Plant Board** – Will include 25 range forage species important to a particular county.

**Special Study Board** – A display of the results of a clipping study, a degree of use study, range site study, etc.

**Junior Rancher Board** – This exhibit should include a ranch map with a record book or an appropriate educational display on some phase of rangeland or livestock management.

**Department D - Division 990 - Eco-Wonders**

**Level 1 Eco-Wonders**

*D-990-001 Build Your Own Ecosystem - Follow directions and diagram on page 11 of Level 1 manual.

*D-990-002 Food Web - Make a poster illustrating a food web for the ecosystem found in your backyard. Follow guidelines for posters listed on page 22.

*D-990-003 Weather Instrument or Weather Log - Make a rain gauge or pinwheel to determine direction of the wind. Follow directions for these on pages 19 and 20 of Level 1 Manual

**Level 2 Eco-Wonders**

*D-990-004 Identify Flower Parts - Make a poster illustrating all of the parts of a flower. Follow guidelines for posters listed on page 22.

*D-990-005 Groundwater Model - using diagram on page 27 of Level II manual, construct a groundwater model of your area using colored clay or play dough. Include key to describe colors. Use poster board for the base no larger than 12” x 12”.

*D-990-006 Soil Profile Poster - Dig a hole approximately 1 foot deep. Illustrate different soil types using crayons or colored pencils. Use page 15 in Level II manual for reference.

**Level 3 Eco-Wonders**

*D-990-007 Global Positioning System Chart - Using a GPS choose 5 landmarks and chart locations. For Example: your house, make sure to include street address along with GPS Description.

*D-990-008 Biotechnology - Inventory items found in your refrigerator. Explain how biotechnology is used to create these products and its benefits in an essay no longer than 2 pages typewritten.
Weed Science

A. Any individual in the Conservation, Environment 1, 2, or 3, Range, Reading the Range 1 or Using Nebraska Range 2, or Crop Production, Field Crops 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).

Division 751 – Books

A. 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.

B. Exhibits will be judged based on completeness of plant mount, accuracy of identification, label, neatness, and conformity to exhibit requirements. Refer to Scoresheet SF261.

C. Each completed mount must have the following information (see example below) in the lower right corner of the mounting sheet: 1) Scientific name (in italic or underlined, with authority), 2) Common name, 3) County of collection, 4) Collection date, 5) Collector’s name, 6) Personal collection number, including the order that plants were collected, in your personal collection, 7) Other information depending on class selected, i.e., noxious, life form. This information should be typed or printed neatly.

<table>
<thead>
<tr>
<th>Scientific name:</th>
<th>Abutilon theophrasti Medik</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common name:</td>
<td>Velvetleaf</td>
</tr>
<tr>
<td>County of collection:</td>
<td>Butler County</td>
</tr>
<tr>
<td>Collection date:</td>
<td>6 July 2014</td>
</tr>
<tr>
<td>Collector’s name:</td>
<td>Dan D. Lion</td>
</tr>
<tr>
<td>Personal collection number:</td>
<td>3</td>
</tr>
<tr>
<td>Life Cycle:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

Classes:

G-751-001 Weed Identification Book – A collection of a minimum of 15 plant mounts including at least two of the following prohibited noxious weeds (Canada thistle, musk thistle, plumeless thistle, salt cedar, leafy spurge, purple loosestrife, diffuse knapweed, spotted knapweed, Japanese knotweed, bohemian knotweed, or phragmites), and at least five weeds that are a problem primarily in lawns.

G-751-002 Life Span Book – A collection of 7 perennial, 1 biennial, and 7 annual weeds.

G-751-003 Weed Display Book – The purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide resistant weeds, what makes a weed a weed, or uses for weeds.

Division 751 – 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” by 28” on plywood or poster board. The display should be neatly titled. Make sure to label display with exhibitor’s name, address, and county on back side. Explain pictures and graphs clearly and concisely. Refer to Scoresheet SF259.

B. 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.

Classes:

G-751-004 Weed Display - The purpose of this class is to allow original and creative exhibits that contain educational information about weeds, such as interesting information about a weed species, the effects of weed control, herbicide resistant weeds, what makes a weed a weed, or uses for weeds.

*G-751-005 Weed Seeds Display

Department G - Horticulture

Floriculture

Exhibitors are limited to 6 entries in floriculture classes 1-45.

Youth must be enrolled in the World of Flowers and/or Annual Flowers projects to exhibit.

The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor not the Extension staff or office personnel. For Floriculture, punch hole in the top center of entry tag, use a rubber band to securely attach entry tag to containers.

Exhibits containing an incorrect number of stems will be dropped one ribbon placing. A perennial is defined as a plant of which the crown overwinters. An annual is a plant that grows from seed each season, whether self-seeded or planted by the gardener. A biennial is a plant that germinates, grows and overwinters as a crown, blooms the following year and dies. Foliage will be considered when exhibit is judged.

All 3 or 5 stems of cut flowers should be the same cultivar and color, do not mix cultivars and colors. Containers will not be judged; however, they should be glass containers of a neutral color that won’t tip over and of adequate size to display blooms. Containers will not be returned at State Fair. Score Sheet SF106.

Follow the guidelines in 4-H “Preparing Cut Flowers for Exhibits” 4H227 (revised 7/20/12) (Free Download – http://4h.unl.edu/web/4hcurriculum/PreparingCutFlowers) when preparing entries for the fair.
Division 770
Classes:

Annuals and biennials - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.
G-770-001 Aster
G-770-002 Bachelor Buttons
G-770-003 Bells of Ireland
G-770-004 Browallia
G-770-005 Calendula
G-770-006 Celosia (crested or plume) (3 stems)
G-770-007 Cosmos
G-770-008 Dahlia
G-770-009 Dianthus
G-770-010 Foxglove
G-770-011 Gladiolus (3 stems)
G-770-012 Gomphrena
G-770-013 Hollyhock (3 stems)

G-770-014 Marigold
G-770-015 Pansy
G-770-016 Petunia
G-770-017 Salvia
G-770-018 Snapdragon
G-770-019 Statice
G-770-020 Sunflower (under 3" diameter-5 stems, 3" or more in diameter-3 stems)

Perennials - 5 stems of a single variety (cultivar) unless otherwise noted in parenthesis.
G-770-030 Achillea / Yarrow
G-770-031 Chrysanthemum
G-770-032 Coneflower
G-770-033 Coreopsis
G-770-034 Daisy
G-770-035 Gaillardia
G-770-036 Helianthus
G-770-037 Liatris (3 stems)
G-770-038 Lilies (3 stems) (not Daylilies)

G-770-021 Vinca
G-770-022 Zinnia
G-770-023 Any other annual or biennial (under 3" diameter - 5 stems, 3" or more in diameter - 3 stems) No duplicates of classes 1-22.

4-H Flower Garden Collection of 5 different flowers. Each flower in the collection should be exhibited with the number specified for classes 1-44. Display in a box or other holder not more than 18" in any dimension. Boxes will not be returned at State Fair. Each flower in the collection should be exhibited with the number specified for classes 1-43. Do not duplicate entries in classes 1-44 with any in the group collection.

Educational Exhibits
G-770-050 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’ers may show more than one cultivar of the same species, but they will only count as one species. The notebook must be the result of the current year’s work. Pictures from garden catalogs, hand drawn pictures, or photographs may be used. Each species/cultivar must be labeled with the correct common name and scientific name; the height and spread of the plant and the growing conditions (for example: needs full sun and dry sandy soil) the species prefers. In addition to this information, bulbs must 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. Score Sheet SF100.

G-770-051 Flower Garden Promotion Poster - Individual poster promoting flower gardening, size 14" x 22" either vertical or horizontal arrangement. Poster may be in any medium: watercolor, ink, crayon, etc. as long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right hand corner. The 4-H member’s name, age, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF103.

G-770-052 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 stapled to the upper right hand corner. The 4-H member’s name, age, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF104.

G-770-053 Flower Gardening History Interview - Neatly handwritten or typed account of a gardening history interview whose flower garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their flower garden if the individual is still gardening. Protect with a clear report cover. The 4-H member’s name, age, full address, county, and years in the project(s) must be on the back of the report cover. Score Sheet SF105.

Houseplants
Youth must be enrolled in the Growing Great Houseplants project to exhibit in classes 60-66.

Container Grown Houseplants: The choice of container and soil quality will be considered in judging. Each houseplant must be identified by listing the names on the entry tag or on a card attached to the container. Houseplants should be grown in the display container for a minimum of six weeks. Plants grown as houseplants must be used. NebGuide G1853 (http://www.ianpubs.unl.edu/republic/live/g1853/build/g1853.pdf) includes a listing of common houseplants found in Nebraska. Containers of annual flowers or annual plants will be disqualified and will not be judged. Entries in Classes 60-66 must have been designed and planted by the 4-H member. Container grown houseplants must have received a purple ribbon at the county fair to be exhibited at the State Fair. Container grown houseplants shall be in pots no greater than 12" in diameter (inside opening measurement). Dish gardens, fairy or miniature gardens, desert gardens and terrariums may be up to 12" in diameter (inside opening measurement). Any container grown plant in Classes 60-66 that is greater than 12” in diameter will be dropped one ribbon placing. Classes
60-65 exhibitors must have and provide a saucer to catch drainage water. The 4-H members name, age, full address, county, and years in the project(s) must be on the bottom or back of the container and saucer. Score Sheet SF107.

G-770-060 Flowering potted houseplant(s) that are blooming for exhibition. Non-blooming plants will be disqualified.
G-770-061 Foliage potted houseplant(s) of all the same variety.
G-770-062 Hanging basket of flowering and/or foliage houseplants.
G-770-063 Dish garden - an open/shallow container featuring a variety of houseplants excluding cacti and succulents.
G-770-064 Fairy or Miniature Garden – A miniature "scene" contained in an open container and featuring miniature or small, slow growing houseplants. The garden needs to have an imaginative theme and miniature accessories, i.e. bench, fence made from tiny twigs, small shell for a bath tub, etc. (Note: See #123 of flower entries above for garden requirements.)
G-770-065 Desert garden - an open/shallow container featuring cacti and/or succulents grown as houseplants.
G-770-066 Terrarium - a transparent container, partially or completely enclosed; sealed or unsealed.

Division 773 - Vegetables, Herbs, Fruits & Educational Exhibits
Pay Category #4
Exhibitors are limited to 6 exhibits in horticulture classes 201-252.
Youth must be enrolled in the Everyone A Gardener project and/or Gardening Unit 1-Unit 4. The cultivar or variety name must be included on all entry cards. Failure to identify the cultivar or variety will drop the entry one ribbon placing. Proper identification is the responsibility of the exhibitor, not the Extension staff or office personnel. Exhibits entered under an incorrect class number or containing an incorrect number of vegetables will be dropped one ribbon placing. In classes 252, 255, 268, 269, 285 and 286 do not duplicate entries with the classes listed by using other cultivars or varieties or entry will be dropped one ribbon placing. For example: 4-H’ers with two cultivars or varieties of red tomatoes can only enter the red tomatoes class and cannot enter the other cultivar or variety in any other vegetable class. Score Sheet SF108.
Follow the guidelines in “Selecting and Preparing Vegetables, Herbs and Fruits for Exhibit” 4-H 226 (revised June 2013) (Free Download-http://4h.unl.edu/web/4hcurriculum/PreparingVegetablesHerbsandFruit) when preparing entries for the fair. At State Fair, plates will be provided for the exhibitor.

Classes:

Division 773

<table>
<thead>
<tr>
<th>Class</th>
<th>Vegetable</th>
<th># to Exhibit</th>
<th>Class</th>
<th>Vegetable</th>
<th># to Exhibit</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-773-201</td>
<td>Lima Beans</td>
<td>12</td>
<td>G-773-229</td>
<td>Pumpkin</td>
<td>2</td>
</tr>
<tr>
<td>G-773-202</td>
<td>Snap Beans</td>
<td>12</td>
<td>G-773-230</td>
<td>Miniature Pumpkins</td>
<td>2</td>
</tr>
<tr>
<td>G-773-203</td>
<td>Wax Beans</td>
<td>12</td>
<td>G-773-231</td>
<td>Radish</td>
<td>5</td>
</tr>
<tr>
<td>G-773-204</td>
<td>Beets</td>
<td>5</td>
<td>G-773-232</td>
<td>Rhubarb</td>
<td>5</td>
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<tr>
<td>G-773-205</td>
<td>Broccoli</td>
<td>2</td>
<td>G-773-233</td>
<td>Rutabaga</td>
<td>2</td>
</tr>
<tr>
<td>G-773-206</td>
<td>Brussels Sprouts</td>
<td>12</td>
<td>G-773-234</td>
<td>Green Summer Squash</td>
<td>2</td>
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<tr>
<td>G-773-207</td>
<td>Green Cabbage</td>
<td>2</td>
<td>G-773-235</td>
<td>Yellow Summer Squash</td>
<td>2</td>
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<tr>
<td>G-773-208</td>
<td>Red Cabbage</td>
<td>2</td>
<td>G-773-236</td>
<td>White Summer Squash</td>
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<tr>
<td>G-773-209</td>
<td>Carrots</td>
<td>5</td>
<td>G-773-237</td>
<td>Acorn Squash</td>
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<tr>
<td>G-773-210</td>
<td>Cauliflower</td>
<td>2</td>
<td>G-773-238</td>
<td>Butternut Squash</td>
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<tr>
<td>G-773-211</td>
<td>Slicing Cucumbers</td>
<td>2</td>
<td>G-773-239</td>
<td>Buttercup Squash</td>
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<tr>
<td>G-773-212</td>
<td>Pickling Cucumbers</td>
<td>5</td>
<td>G-773-240</td>
<td>Other Winter Squash</td>
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<tr>
<td>G-773-213</td>
<td>Eggplant</td>
<td>2</td>
<td>G-773-241</td>
<td>Sweet Corn (in husks)</td>
<td>5</td>
</tr>
<tr>
<td>G-773-214</td>
<td>Kohlrabi</td>
<td>5</td>
<td>G-773-242</td>
<td>Swiss Chard</td>
<td>5</td>
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<tr>
<td>G-773-216</td>
<td>Okra</td>
<td>5</td>
<td>G-773-244</td>
<td>Roma or Sauce-type tomatoes</td>
<td>5</td>
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<tr>
<td>G-773-217</td>
<td>Yellow Onions</td>
<td>5</td>
<td>G-773-245</td>
<td>Salad Tomatoes (under 2” diameter)</td>
<td>12</td>
</tr>
<tr>
<td>G-773-218</td>
<td>Red Onions</td>
<td>5</td>
<td>G-773-246</td>
<td>Yellow Tomatoes (2” or more in diameter)</td>
<td>5</td>
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<tr>
<td>G-773-219</td>
<td>White Onions</td>
<td>5</td>
<td>G-773-247</td>
<td>Turnips</td>
<td>5</td>
</tr>
<tr>
<td>G-773-220</td>
<td>Parsnips</td>
<td>5</td>
<td>G-773-248</td>
<td>Watermelon</td>
<td>2</td>
</tr>
<tr>
<td>G-773-221</td>
<td>Bell Peppers</td>
<td>5</td>
<td>G-773-249</td>
<td>Dry Edible Beans</td>
<td>1 pint</td>
</tr>
<tr>
<td>G-773-222</td>
<td>Sweet (Non-Bell) Peppers</td>
<td>5</td>
<td>G-773-250</td>
<td>Gourds, mixed types</td>
<td>5</td>
</tr>
<tr>
<td>G-773-223</td>
<td>Jalapeño Peppers</td>
<td>5</td>
<td>G-773-251</td>
<td>Gourds, single variety</td>
<td>5</td>
</tr>
<tr>
<td>G-773-224</td>
<td>Hot (Non-Jalapeno) Peppers</td>
<td>5</td>
<td>G-773-252</td>
<td>Peas</td>
<td>5</td>
</tr>
<tr>
<td>G-773-225</td>
<td>White Potatoes</td>
<td>5</td>
<td>G-773-253</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G-773-226</td>
<td>Red Potatoes</td>
<td>5</td>
<td>G-773-254</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G-773-227</td>
<td>Russet Potatoes</td>
<td>5</td>
<td>G-773-255</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G-773-228</td>
<td>Other Potatoes</td>
<td>5</td>
<td>G-773-256</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

G-773-252 Any other vegetable 2, 5 or 12 (do not duplicate entries in classes 201-251) that doesn’t fit in any other class
G-773-255 4-H Vegetable Garden Collection of five kinds of vegetables. Display Garden Collection in a box not more than 24” in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging, but plastic grass, cotton, figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252). Do not duplicate entries in classes 201-252 in any group collection.
G-773-256 4-H Cultivar Vegetable Collection. Vegetables entered in the collection are 5 cultivars from a single exhibit; for example, 5 cultivars of all types of peppers or squash or onions or tomatoes, etc. Display in a box not more than 24” in any dimension. Boxes will not be returned at State Fair. Showmanship will be considered in judging; but plastic grass, cotton figurines, etc. should not be used in exhibit boxes. Each vegetable in the collection should be exhibited with the number specified for individual class (201-252).
Herbs

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

Class | Herb | # to Exhibit | Class | Herb | # to Exhibit
--- | --- | --- | --- | --- | ---
G-773-260 | Basil | 5 | G-773-265 | Parsley | 5
G-773-261 | Dill (dry) | 5 | G-773-266 | Sage | 5
G-773-262 | Garlic (bulbs) | 5 | G-773-267 | Thyme | 5
G-773-263 | Mint | 5 | G-773-268 | Any other herb | 5
G-773-264 | Oregano | 5

G-773-269 **4-H Herb Garden Display of 5 different herbs.** Displayed in a box or other holder not more than 18” in any dimension. Boxes will not be returned at State Fair. Each herb in the collection should be exhibited with the number specified for classes 260-268. Do not duplicate entries in classes 260-268 with any in the group collection.

Fruits

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

Class | Fruit | # to Exhibit | Class | Fruit | # to Exhibit
--- | --- | --- | --- | --- | ---
G-773-280 | Strawberries (everbearers) | 1 pint | G-773-284 | Wild Plums | 1 pint
G-773-281 | Grapes | 2 bunches | G-773-285 | Other small fruit or berries | 1 pint
G-773-282 | Apples | 5 | (do not duplicate entries in classes 280-284)
G-773-283 | Pears | 5 | G-773-286 | Other fruits OR nuts | 5

Educational Exhibits

G-773-290 **Garden Promotion Poster** - Individual poster promoting vegetable or herb gardening, size 14” x 22” either vertical or horizontal arrangement. Poster may be in any medium so long as it is not 3-dimensional. Posters using copyrighted material will not be accepted. Entry card must be stapled to the upper right hand corner. The 4-H member’s name, age, full address, county, and years in the project(s) must be on the back of the poster. Score Sheet SF103.

G-773-291 **Educational Vegetable or Herb Garden Poster** - Prepare a poster 14” x 22” x 2” (3-dimensional if needed) either vertical or horizontal arrangement illustrating a skill or project the 4-H’er has done or learned about in a 4-H vegetable gardening project. One might show a special technique used or equipment incorporated in the garden (e.g., drip irrigation system, composting, or special techniques learned). Refer to 4-H horticulture project manuals, but use your own creativity. Entry card must be stapled to the upper right hand corner. The 4-H member’s name, age, full address county, and years in the project(s) must be on the back of the poster. Score Sheet SF104.

G-773-292 **Vegetable and/or Herb Gardening History Interview** - Neatly handwritten or typed account of a gardening history interview of someone whose vegetable or herb garden has inspired you. Maximum of 4 pages of text and 2 pages of pictures (include 1 picture of the person you interviewed) of their garden if the individual is still gardening. Protect with a clear report cover. The 4-H member’s name, age, full address, county, and years in the project(s) must be on the back of the report cover. Score Sheet SF105.

G-773-293 **Vegetable Seed Display** - Each display must include seeds representing the following families: Cucurbit, Brassica (cabbage), Solanaceous (nightshade), and Legume (pea) families, plus representatives from 5 other families. Group the seeds by family and type. Glue seeds or otherwise fasten clear containers of seeds to a board or poster mat board no larger than 22” x 24”. Label each group and each individual vegetable type with the common and scientific names. Use only one variety or cultivar of each vegetable, except for beans where several examples of beans may be shown. Attach a card to the back of the display explaining why and how it is important to know which vegetables are related, and site references on where the scientific name information was found. The 4-H member’s name, age, full address, county, and years in the project(s) must be on the back of the display. Information on vegetable family members can be obtained from your extension office. Score Sheet SF101.

G-773-294 **World of Vegetables Notebook** - Choose a favorite foreign cuisine and learn what vegetables and/or herbs are common to it (e.g. Mexican, African, Chinese, Italian, etc.). Include a report telling about a minimum of 5 vegetables and/or herbs from each country chosen. Include the scientific and common names; pictures of the plants from your garden or seed catalogs; tell how they are grown; and how the foods are used. Also list a source for buying the seed or plants. Favorite recipes using some or all of the vegetables described may be included. Give proper credit by listing the source of pictures and information used. Protect in a clear report cover or 3-ring notebook. The 4-H member’s name, age, full address, county, and years in the project(s) must be on the back of the report cover or notebook. Score Sheet SF102.

**Division 775 - Special Garden Project**

Youth must be enrolled in the 2015 ‘White Satin Carrot’ Special Garden Project to exhibit. Fresh cut flowers or harvested vegetables should be entered in the appropriate class listed above.

G-775-001 **Special Garden Project** - Educational exhibit based on what was learned from the project. Present information on a poster 14” x 22” either vertical or horizontal arrangement or in a clear plastic report cover. The 4-H member’s name, age, full address, and county must be on the back of the poster or report cover. Score Sheet SF 109
NATIONAL CODE OF SHOW RING ETHICS – IAFE (International Association of Fairs and Expositions)

Exhibitors of animals at livestock shows shall at all times deport themselves with honesty and good sportsmanship. Their conduct in this competitive environment shall always reflect the highest standards of honor and dignity to promote the advancement of agricultural education. This code applies to junior as well as open class exhibitors who compete in structured classes of competition. This code applies to all livestock offered in any event at a livestock show. In addition to the “IAFE National Code of Show Ring Ethics,” fairs and livestock shows may have rules and regulations which they impose on the local, county, state, provincial and national levels.

All youth leaders working with junior exhibitors are under an affirmative responsibility to do more that avoid improper conduct or questionable acts. Their moral values must be so certain and positive that those younger and more pliable will be influenced by their fine example. Owners, exhibitors, fitters, trainers and absolutely responsible persons who violate the code of ethics will forfeit premiums, awards and auction proceeds and shall be prohibited from future exhibition in accordance with the rules adopted by the respective fairs and livestock shows. Exhibitors who violate this code of ethics demean the integrity of all livestock exhibitors and should be prohibited from competition at all livestock shows in the United States and Canada.

The following is a list of guidelines for all exhibitors and all livestock in competitive events:

1. All exhibitors must present, upon request of fair and livestock show officials, proof of ownership, length of ownership and age of all animals entered. Misrepresentation of ownership, age, or any facts relating thereto is prohibited.
2. Owners, exhibitors, fitters, trainers, or absolutely responsible persons shall provide animal health certificates from licensed veterinarians upon request by fair or livestock show officials.
3. Junior exhibitors are expected to care for and groom their animals while at fairs or livestock shows.
4. Animals shall be presented to show events where they will enter the food chain free of volatile drug residues. The act of entering an animal in a livestock show is the giving of consent by the owner, exhibitor, fitter, trainer and/or absolutely responsible person for show management to obtain any specimens of urine, saliva, blood, or other substances from the animal to be used in testing. Animals not entered in an event which culminates with the animal entering the food chain shall not be administered drugs other than in accordance with applicable federal, state and provincial statues, regulations and rules. Livestock shall not be exhibited if the drugs administered in accordance with the federal, state, provincial statues, regulations and rules affect the animal’s performance or appearance at the event. If the laboratory report of the analysis of saliva, urine, blood, or other sample taken from livestock indicates the presence of forbidden drugs or medication, this shall be prima facie evidence such substance has been administered to the animal either internally or externally. It is presumed that the sample of urine, saliva, blood, or other substance tested by the laboratory to which it is sent is the one taken from the animal in question, its integrity is preserved and all procedures of said collection and preservation, transfer to the laboratory and analysis of the sample are correct and accurate and the report received from the laboratory pertains to the sample taken from the animal in question and correctly reflects the condition of the animal at the time the sample was taken, with the burden on the owner, exhibitor, fitter, trainer, or absolutely responsible person to prove otherwise. At any time after an animal arrives on the fair or livestock show premises, all treatments involving the use of drugs and/or medications for the sole purpose of protecting the health of the animal shall be administered by a licensed veterinarian.
5. Any surgical procedure or injection of any foreign substance or drug or the external application of any substance (irritant, counterirritant, or similar substance) which could affect the animal’s performance or alter its natural contour, conformation, or appearance, except external applications of substances hoofs or horns of animals which affect appearance only and except for surgical procedures performed by a duly licensed veterinarian for the sole purpose of protecting the health of animal, is prohibited.
6. The use of showing and/or handling practices or devices such as striking animals to cause swelling, using electrical contrivance, or other similar practices are not acceptable and are prohibited.
7. Direct criticism or interference with the judge, fair or livestock show management, other exhibitors, breed representatives, or show officials before during, or after the competitive event is prohibited. In the furtherance of their official duty, all judges, fair and livestock show management, or other show officials shall be treated with courtesy, cooperation and respect and no person shall direct abusive or threatening conduct toward them.
8. No owner, exhibitor, fitter, trainer, or absolutely responsible person shall conspire with another person or persons to intentionally violate this code of ethics or knowingly contribute or cooperate with another person or persons either by affirmative action or inaction to violate this code of ethics. Violation of this rule shall subject such individual to disciplinary action.
9. The application of the code of ethics provides for absolute responsibility for an animal’s condition by any owner, exhibitor, fitter, trainer, or participant whether or not he or she was actually instrumental in or had actual knowledge of the treatment of the animal in contravention of this code of ethics.
10. The act of entering an animal is the giving of consent by the owner, exhibitor, fitter, trainer, or absolutely responsible person to have disciplinary action taken by the fair or livestock show for violation of this Code of Show Ring Ethics and any other rules of competition of the fair or livestock show without recourse against the fair or livestock show. The act of entering an animal is the giving of consent that any proceedings or disciplinary action taken by the fair or livestock show may be published with the name or the violator or violators in any publication of the International Association of Fairs and Expositions, including Fairs and Expositions and any special notices to members.
11. The act of entering an animal in a fair or livestock show is the giving of verification by the owner, exhibitor, fitter, trainer, or absolutely responsible person that he or she has read the IAFE National Code of Show Ring Ethics and understands the consequences of and penalties provided for actions prohibited by the code. It is further a consent that any action which contravenes these rules and is also in violation of federal, state, or provincial statues, regulations, or rules may be released to appropriate law enforcement authorities with jurisdiction over such infractions.

LIVESTOCK RULES

Quality Assurance Training—All 4-H/FFA exhibitors in beef, cattle, goats, sheep, swine, rabbits, and poultry must have completed an approved food animal quality assurance training program. Exhibitors must have received Quality Assurance Certification through a UN-L Extension-based program prior to the fair. Program attendance is required. Completion of training will be certified by the county extension staff.
DRESS CODE:
Exhibitors showing beef, dairy, dogs, cats, pets, goats, sheep, swine, poultry, and rabbits are required to wear the official 4-H (club t-shirts are acceptable) or FFA t-shirt, long, dark blue jeans, and hard-soled shoes. **Canvas shoes will constitute disqualification in the show ring.** If there is no official 4-H t-shirt, exhibitors are required to wear a white shirt (or blouse) with the official 4-H chevron attached. NO hats, caps or other types of headgear are to be worn in the show ring.

STATEMENT FOR GROOMING:
Grooming, clipping, or blocking of animals shall be done by the exhibitor or their family (including brothers, sisters, or parents). Exhibitors may help each other. **Professional groomers are NOT allowed.**

For Beef Animals (Breeding and Market): If the Butler County Extension Office and Ag Society representatives deem it too warm the week of the show for the animals to be completely fitted out, the show will be a Blow and Go. Individuals will be notified as soon as possible of this decision.

We will follow the State Fair Blow and Go Showmanship rules in this situation. The rules are as follows:

1. **4-H/FFA Beef animals will be shown free of any compounds that are applied by aerosol propellants.**
2. **Alcohol, water or any water–or–alcohol based products with no adhesive qualities are permitted.**
3. **Any compounds that have adhesive qualities or alter the color of the animal are forbidden.**

**NO Butt Fans or Portable Generators** will be allowed in or around 4-H livestock buildings. Any of these items may be removed at the discretion of the superintendents or fair personnel.

NOTICE TO LIVESTOCK EXHIBITORS

The following dates are given as deadlines for identifying animals to be shown at the Butler County Fair, State Fair, and Ak-Sar-Ben. FFA exhibitors must also abide by these deadlines in order to show at the Butler County Fair. All information on the identification papers must be complete and turned in to the Extension Office. Late animal I.D.s at county level will be accepted. **However, entries will be lowered one complete ribbon color placing and will not be eligible for final championship drives.** Failure to meet these deadlines will forfeit any and all chances of exhibiting at shows outside of Butler County. Any transfer of ownership or new purchase of animals needs to be recorded on the appropriate ID forms and filed with the County Extension Office prior to these dates. Any transactions after these dates will be considered a late ID and will be subject to that penalty. Animals can only be identified in one county.

**MARKET BEEF** - Must be ear tagged and identified prior to April 15. Animals must also be DNA tested if 4-H’er wishes to exhibit at State Fair or Ak-Sar-Ben. DNA samples must be taken by the identification deadline. tests need to be turned in to the Extension Office along with the identification papers.

**BEEF RATE OF GAIN CONTEST** – All market beef animals weighed on the date specified by the Butler County Extension Office are eligible to compete in the rate of gain contest.

**BREEDING BEEF** - Must be identified by ear tattoo prior to June 15. If offspring will be shown as a feeder calf, the cow/calf pair must be enrolled by June 15. Registration papers are required in the registered breeding heifer divisions.

**FEEDER CALF** - Must be identified with an official 4-H ear tag by June 15. Each member may exhibit two feeder calves. Feeder calf released after show. All calves must be born between January 1 and June 1 of the current year. Feeder calves to be shown at Ak-Sar-Ben must have a DNA sample submitted along with identification papers.

**BUCKET CALF** - Must be identified with a 4-H ear tag and identified by June 15. Calves must be born during the current calendar year and limited to steers and heifers. Only 4-H’ers in their first two years of beef projects are eligible. An exhibitor can only show one bucket calf at the county fair.

**GOATS** – Market and Breeding Goats must be ear tagged and identified by June 15. Market only must be DNA tested if 4-H’er wishes to exhibit at State Fair or Ak-Sar-Ben. DNA samples must be taken by the identification deadline.

**SHEEP** – Market and Breeding Sheep must be ear tagged and identified by June 15. Exhibitors in registered breeding classes must present proof of registration to the superintendent at the time of entry. Market only must be DNA tested if 4-H’er wishes to exhibit them at State Fair or Ak-Sar-Ben. DNA samples must be taken by the identification deadline.

**SWINE** - Must be ear-notched by June 15. Must be DNA tested if 4-H’er wishes to exhibit at State Fair or Ak-Sar-Ben. DNA samples must be taken by the identification deadline.

**POULTRY** – Poultry DO NOT need to be identified prior to county fair. Please see the Poultry section for more information.

**RABBITS** - Must be tattooed and identified on the proper forms available from the Extension office prior to June 15.

**HORSE** – Must be identified by June 1 on the proper ID sheet provided by the Extension Office.

Only 4-H or FFA members may show livestock. A member with more than one entry in a class must get some other exhibitor to show the other animal. Substitute showmen must be members of 4-H or an FFA chapter in Butler County. No parent is to be in the ring with their child unless called for by the superintendent in charge. **Diseased animals will not be accepted.**
ROUND ROBIN SHOWMANSHIP

The grand champion senior showmen in Beef, Swine, Horse, Sheep, Goats, Rabbits, and Poultry are eligible to compete for the round robin showmanship championship. An individual is eligible to show in only one species. If qualified in more than one, he/she must choose which one species to show. The reserve champion showman, if also a purple winner, is the only alternate. Winner will be eligible for future species showmanship contests, but not the round robin.

Exhibitors will bring their own animal to the contest; their entry signifies permission for the other champions to show that animal in this contest. Exhibitors will be judged on their knowledge of each species shown and the specific showmanship skills required as well as their presentation of each species. There is no premium money for this contest. The grand and reserve champions will receive a special award.

BEEF CATTLE

MARKET STEERS AND HEIFERS may have the two center temporary incisor teeth replaced by permanent incisors. The remaining six temporary incisors must be in place and there may be no evidence of eruption of any permanent incisors other than the centers. State Fair age grouping will be used for breeding animals. Each beef animal may be shown in one class only.

BREEDING HEIFERS - Please note that our Registered Breeding Heifer Show is NOT a Purebred Breeding Show. Any animal that is registered by a particular breed association and identified on the ownership affidavit as such can show in that particular class. Registration papers will be required at check-in. If registration papers are not presented, that animal will be shown in the commercial breeding class. Any breeding heifer that is registered to a breed association other than the classes listed below will be shown in the Other Registered Breeding Heifer class. Animals in the Other Registered Breeding Classes will be shown together.

**Classes:**

**Department G, Division 9 - Feeder Calf**

<table>
<thead>
<tr>
<th>Pay Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-9-001 Bucket Calf (Project Record, form P-1071 &amp; interview required at judging).</td>
<td></td>
</tr>
<tr>
<td>G-9-002 Heifers</td>
<td></td>
</tr>
<tr>
<td>G-9-003 Steers</td>
<td></td>
</tr>
</tbody>
</table>

**Department G, Division 10 - Beef Showmanship**

<table>
<thead>
<tr>
<th>Pay Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-10-006 Senior Showmanship (15 years +)</td>
<td></td>
</tr>
<tr>
<td>G-10-007 Intermediate Showmanship (12-14 years)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pay Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>G-11-001 Market Steers</td>
<td></td>
</tr>
<tr>
<td>G-11-002 Market Heifers</td>
<td></td>
</tr>
<tr>
<td>G-11-903 British Breed Steers</td>
<td></td>
</tr>
</tbody>
</table>
Department G, Division 3 - Registered Breeding Heifers
G-3-901  Angus
G-3-902  Charolais
G-3-903  Gelbvieh
G-3-904  Hereford
G-3-905  Limousin
Pay Category #1

Department G, Division 4 - Commercial Breeding Heifers
G-4-001  Commercial Breeding Heifer
Pay Category #1

Department G, Division 25 - Cow/Calf Pairs
G-25-900  Cow/Calf Pair
Pay Category #1

Department G, Division 30 - Showmanship
G-30-002  Senior Showmanship (15 + years)
G-30-003  Intermediate Showmanship (12-14 years)
Pay Category #7

Department G, Division 31 - Market Sheep
G-31-910  Market Sheep by weight divisions
Pay Category #2

Department G, Division 32 - Breeding Sheep
G-32-901  Breeding Ewe Lambs
G-32-902  Yearling Ewe
G-32-903  Hampshire Yearling
G-32-904  Hampshire Ewe Lamb
Pay Category #2

Department G, Division 58 - Market & Breeding Goats

Classes:
Department G, Division 58 – Showmanship & Meat Class
G-58-901  Senior Showmanship (ages 15 & up)
G-58-902  Intermediate Showmanship (ages 12-14)
G-58-910  Market Goats (wethers and does)
G-58-920  Yearling Does
G-58-930  Doe Kids
Pay Category #7
Pay Category #2
Pay Category #2

DEPARTMENT G, Division 58 - MARKET & BREEDING GOATS

GENERAL RULES:

- All General Livestock Rules will apply to all Goat Classes.
- NUMBER OF EXHIBITS - A 4-H or FFA member may exhibit up to four (4) market goats and two (2) breeding goats.
- IDENTIFICATION - All meat goats need to be identified by June 15 on the official 4-H ownership affidavits (4HF111).
- MINIMUM WEIGHT - Market goats must weigh a minimum of 20 lbs. at check-in. Goats under 20 lbs. will be allowed to check-in, but will not be eligible for purple ribbons.
- AGE - Goats are to have milk teeth and there shall be no evidence of breaking of the skin or eruption of the two permanent front teeth.
- HAIR - Goats must be uniformly slick shorn with 3/8 inch of hair or less from the knee and up.
- HORNS - Goats must have horns blunted. Dehorning is acceptable and preferred.
- NECK CHAINS - Goats are to be shown with neck chains or smooth collars only.
- SHOW CLASS AND SEX - Meat goats may be doe or wether kids. Short scrotum, cryptorchid and buck kids are NOT eligible. All market goats will be weighed and divided into classes based on total numbers and weight range. Market does and market wethers will show together. Breeding Goats will check in at designated time and be grouped to show based on total numbers and ages of entries.
- SHOWMANSHIP - Exhibitors will not slap or brace the animal or lift the front legs off the ground while in the show ring.

Swine exhibited at the Butler County Fair shall originate directly from a herd not under quarantine for pseudorabies. Under no circumstances may swine under quarantine be exhibited. No swine showing signs of infectious, contagious, and/or communicable diseases will be allowed to show. All swine must enter the fairgrounds through the west gate.

- MINIMUM WEIGHT 210 lbs. on all hogs.
- This is a terminal show. All animals will sell for slaughter. Superintendents will arrange for sale of hogs with proceeds of sale forward to exhibitors as soon as possible after the fair.

45
• Any pigs farrowed on or after Jan. 1 of the current year are eligible to show.
• All pigs must be shown by a 4-H or FFA member, if an exhibitor has more than one animal in a class he or she must find an alternate showman.
• Ear-notch all hogs according to the Universal System in both ears and file identification papers in the Extension Office by June 15. All notches must be legible. No freshly ear-notched pigs will be accepted.
• Exhibitors may enter up to four animals.

Classes:
Department G, Division 36 - Swine Showmanship & Market Classes Pay Category #7
G-36-006 Senior Showmanship (15+ years) G-36-008 Junior Showmanship (8-11 years)
G-36-007 Intermediate Showmanship (12-14 years)
G-36-010 Gilts Pay Category #2
G-36-011 Barrows

CARCASS EVALUATION CONTEST: Live animal evaluation will be done by ultrasound for carcass quality. Qualification weight for carcass contest is 235 - 285 pounds.

HORSE
General Livestock Rules do not apply to horse exhibitors.
State rules will be followed. However, all final decisions will be made by the 4-H Youth Development Extension Educator and Horse Superintendent. See Guide for Light Horse Shows and Events in Nebraska.
Enter as many classes as desired. Except: Junior Walk-Trot riders may enter only one pleasure and one horsemanship class. Other pleasure and horsemanship riders may ride in two of each class.
Substitute showmen will only be allowed in the mare and foal class and/or if the exhibitor has 2 purples showing in the grand champion mare or gelding class.

Exhibitor can only take home the top four monies.
Exhibitor may enter only one animal per class.
Two family members cannot ride the same horse in the same class and age group.
Champion Mare selected from Fillie and Mare classes. Top 2 purples per class. Champion Gelding selected from Colt, Stud and Gelding classes. Top 2 purples per class.
NO chaps allowed (including associate member classes). Exhibitors must wear boots or hard-soled shoes. NO t-shirts allowed.
Open classes for pre-4-H age will be run prior to the start of the 4-H Horse Show. These classes are listed in the Butler County Fair Open Class Fairbook. Show will begin promptly at 8:00 a.m.

In case of inclement weather, the horse show will be DELAYED or RESCHEDULED. The show will not be moved to a different location.

Classes:
Department G, Division 60, Horse Showmanship Pay Category #7
G-60-009 Senior Showmanship (ages 15 and up) G-60-011 Junior Showmanship (ages 8-11)
G-60-010 Intermediate Showmanship (ages 12 -14)

Department G, Division 61, Halter Pay Category #2
G-61-001 Yearling Fillies G-61-006 Two Year Old Geldings
G-61-002 Two Year Old Mares G-61-007 Three Year Old Geldings
G-61-003 Three Year Old Mares G-61-008 Four Year and Older Geldings
G-61-004 Four Years and Older Mares G-61-009 Weanling Fillies and Weanling Colts
G-61-005 Yearling Geldings and Stud Colts
G-61-010 Mare and foal (Mare with one foal to be shown. Foal must have been foaled in the calendar year of the show.)

Western Pleasure/Western Horsemanship
G-62-005 Walk Trot Pleasure - 8 to 11 Year Olds G-62-008 Western Pleasure (14 hands & over) - Jr. Division
G-62-007 Pony Pleasure (14 hands & under) - Jr. Division only G-62-010 Western Pleasure (14 hands & over) - Sr. Division
G-62-011 Western Horsemanship - Sr. Division

Reining

Games
G-62-019 Pole Bending - Sr. Division G-62-023 Barrels - Sr. Division
POULTRY

The Nebraska Health Department will be checking poultry for Pullorum-Typhoid. Any infected bird will be removed. Critique judging of poultry will begin at approximately 3:30 p.m. on Thursday July 23. Exhibitors must be present at the judging area. If not present, animals will not be judged.

Exhibitors showing poultry are required to wear the official 4-H T-shirt or blouse with a 4-H chevron, or FFA T-shirt with blue jeans. NO HEADGEAR.

Animals should have leg band.
Entries limited to 8 per exhibitor.

Quality Assurance Training - All 4-H and FFA poultry exhibitors are required to receive Quality Assurance training or testing prior to the fair.

TRIO--A trio of exhibition birds shall consist of one male and two females. Birds entered singly are not eligible to be judged as part of a trio. Birds entered in a trio are not eligible to be judged in individual competition.
PENS--A pen of broilers shall consist of three male or three female birds 6-9 weeks of age, a pen of hybrids, crossbred, or purebred egg production birds shall consist of 3 sexually mature females. Pens of broilers or egg production females will be judged for production qualities only and need not necessarily conform to breed standards.

Classes:

Department G, Division 70-Poultry

G-70-011 Senior Showmanship (15+ years) G-70-013 Junior Showmanship (8-11 years)
G-70-012 Intermediate Showmanship (12-14 years)

G-70-900 Young Cock Pigeon G-70-902 Young Cock Guinea
G-70-901 Young Hen Pigeon G-70-903 Young Hen Guinea

Division 71-Large Fowl

G-71-006 Cockerel G-71-009 Hen
G-71-007 Pullet G-71-010 Trio
G-71-008 Cock

Division 72-Bantams

G-72-006 Cockerel G-72-009 Hen
G-72-007 Pullet G-72-010 Trio
G-72-008 Cock

Division 73-Duck

G-73-001 Young Drake G-73-002 Young Duck

Division 74-Goose

G-74-001 Young Gander G-74-002 Young Goose

Division 75-Turkey

G-75-001 Young Tom G-75-002 Young Hen

Division 76-Production

G-76-001 Pen (Egg Production) G-76-002 Pen (Broilers)

RABBIT

PLEASE NOTICE -- Rabbit entries must be cared for by owners or arrangements made for daily care. If exhibitor neglects the care of the animal they shall be asked to take them home and forfeit their premium.

Exhibitors showing rabbits are required to wear the official 4-H T-shirt or blouse with a 4-H chevron, or FFA T-shirt and blue jeans. Rabbits need to be tattooed and identified on the proper forms by June 15. Not more than five rabbits may be entered by one exhibitor.

Quality Assurance Training - All 4-H and FFA rabbit exhibitors are required to receive Quality Assurance training or testing prior to the fair.

CHAMPIONS -- Ribbons only. Breeding classes set by superintendent.
Fancy Breed List:
American Fuzzy Lop  Harlequin  Polish
American Sable  Havana  Rex
Belgian Hare  Himalayan  Rhinelander
Britannia Petite  Holland Lop  Satin Angora
Dutch  Jersey Wooly  Silver
Dwarf Hotot  Lilac  Silver Marten
English Angora  Lionhead  Standard Chinchilla
English Spot  Mini Lop  Tan
Florida White  Mini Rex  Thrianta
French Angora  Netherland Dwarf

Commercial Breed List
American  Cinnamon  Mini Satin
American Chinchilla  Creme D’Argent  New Zealand
Beveren  English Lop  Palomino
Blanc d'Hotot  Flemish Giant  Satin
Californian  French Lop  Silver Fox
Champagne D'Argent  Giant Angora
Checkered Giant  Giant Chinchilla

Classes:
Department, G Division 80-Rabbit
G-80-010  Senior Showmanship (15+ years)  Pay Category #7
G-80-020  Intermediate Showmanship (12-14 years)
G-80-900  Doe with litter  Pay Category #4
G-80-901  Posters  G-80-902  Nest Boxes  G-80-903  Rabbit First Aid Kit
Division 81-Market Rabbits
G-81-001  Single Fryer, under 3 ½ - 5 ½ lbs.  Under 69 days of age.  Pay Category #4
G-81-002  Meat Pen, 3 ½ - 5 ½ lbs.  Under 69 days of age.
Division 82-Breed Classes
G-82-900  Junior Does - under 6 months  Pay Category #4
G-82-901  Junior Bucks - under 6 months
G-82-902  Intermediate Does-6, 7, & 8 mos.
Division 84-Pet Division
G-84-001  Doe  Pay Category #4
G-84-004  Buck

SMALL ANIMALS/PET DIVISION
Please Notice - Exhibitors showing small animals or pets are required to wear the official 4-H t-shirt or blouse with a 4-H chevron, or FFA T-shirt and long blue jeans. No flip flops or sandals are allowed. All small animals/pets need to have appropriate health papers showing current vaccinations and health status. Animals without these papers cannot be shown. Any animal showing signs of sickness, disease, or parasite infestation will be eliminated from the show and must be removed from the fairgrounds.

All animals must be weaned prior to show. Minimum age of animals to be shown:

- Ferrets: 12 weeks
- Guinea pigs: 4 weeks
- Hedge hogs: 5 weeks
- Chinchillas: 7 weeks
- Gerbils, hamsters, mice, rats: 4 weeks
- Pet rabbits: 9 weeks

For Cats: Cats should be free of fleas, ticks, ear mites, ring-worm, any internal and external parasite and infectious disease. If any signs of these external parasites are presented, exhibitors are asked to leave without being allowed in the show area. It is highly recommended that a veterinary check is performed or preventative measures are taken prior to the show to ensure the animal is free of external parasites. ALL DECISIONS OF SHOW OFFICIALS ARE FINAL. If a cat shows the possibility of being contagious, it will be considered a danger to the other cats in the show and will not be allowed to show. Cats that pose a danger to others will not be allowed to enter.

Cats are required to be current on their vaccinations of Rabies, distemper, panleucopenia, rhino tracheitis, calci virus. Cats must either have a current feline leukemia vaccination or proof of a negative test within 180 days of the show. Proof of vaccinations must be available at entry time. Participants should have their veterinarian fill out and sign the “Nebraska State Fair Cat Vaccination Record Form.” Exhibitors will not be allowed to show without a signed Vaccination record form.

4-H’ers vaccinating their own cats must provide proof by including a statement from their vet on the Vaccination Record Form or by including the vaccination labels on the form and having it signed by a parent. A rabies vaccination is federally mandated to be given by a Certified Veterinarian ONLY. This vaccination must be current and include a veterinarian signature on the Vaccination Record Form.

For Ferrets: Ferrets must be vaccinated for rabies and have a completed health form signed by the administering veterinarian submitted at entry time.
**DEPARTMENT H - SCIENCE ENGINEERING & TECHNOLOGY**

**General Information for All Exhibits in Department H (unless otherwise stated)**

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

B. Each individual is limited to one exhibit per class.

C. Several classes require a display board which should be a height of 24 inches and not to exceed 1/4" in thickness. A height of 23 7/8" is acceptable to allow for the saw kerf (width) if two 24 inch boards are cut from one end of a 4" X 8" sheet of plywood. Nothing should be mounted within 3/4" of the top or bottom of the board. (Example: Woodworking, Small Engines, & Electricity)

D. Fabricated board such as plywood, composition board, or particle-type lumber may be used for demonstration displays.

E. Demonstration boards should be sanded and finished to improve their appearance. The finish on a demonstration board will be judged as a woodworking exhibit.

F. Demonstration boards should include an overall title for the display, plus other necessary labeling.

G. All reports should be clearly written or typed and enclosed in a clear, plastic cover. The reports should be attached securely to the display.

**Department H, Division 850 - Aerospace**

Rockets must be supported substantially to protect the rocket from breakage. Rockets are to be mounted on a base that has dimensions equal or less than 12" x 12" and the base should be 3/4" thick. No metal bases. If the rocket fins extend beyond the edges of the required base (12" x 12"), then construct a base that is large enough to protect the fins. The base size is dictated by the size of the rocket fins. The rockets must be mounted vertically. Please do not attach sideboards or backdrops to the displays. In addition a used engine or length of dowel pin is to be glued and/or screwed into the board and extended up into the rockets engine mount to give added stability. Rockets must be equipped as prepared for launching, with wadding and parachute or other recovery system. Rockets entered with live engines, wrong base size or sideboards will be disqualified. A report, protected in a clear plastic cover, must include: 1) rocket specification, 2) a flight record for each launching (weather, distance, flight height), 3) number of launchings, and 4) flight pictures. The flight record should describe engine used, what the rocket did in flight and recovery success. Points will not be deducted for launching, flight or recovery failures described. This includes any damage that may show on the rocket. Complete factory assembled rockets will not be accepted. Judging is based upon display appearance, rocket appearance, workmanship, design or capabilities for flight, and number of times launched. Three launches are required to earn the 25 launch points given on the score sheets. Score Sheet SF92/rev04.

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.

**Classes:**

**Lift Off - Unit 2**

- **H-850-001** Rocket: Any Skill Level 2 Rocket with wooden fins painted by hand or air brush. Scoresheet SF92.
- **H-850-002** 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" by 22". Scoresheet SF93.
- **H-850-003** Rocket: Any Skill Level 2 Rocket with wooden fins painted using commercial application example commercial spray paint. Scoresheet SF92.
- **H-850-900** Diamond Kite - include a picture of the kite in flight, and a description of the flight.
- **H-850-901** Educational display - exhibit could be a poster, scrapbook, notebook or three-dimensional display on a topic related to aerospace such as: four forces of flight, types of aircraft, weather and flight, parts of a hot air balloon, or parts of an airplane.

**Reaching New Heights - Unit 3**

- **H-850-004** Rocket: Any Skill Level 3 Rocket with wooden fins painted by hand or air brush. Scoresheet SF92.
- **H-850-005** Display: Display exemplifying one of the principles learned in the Reaching New Heights Project. Examples include: airplane instrumentation, kite flying, or radio-controlled planes. Display can be any size up to 28" by 22". Scoresheet SF93.
- **H-850-006** Rocket: Any Skill Level 3 Rocket with wooden fins painted using commercial application example commercial spray paint. Scoresheet SF92.
- **H-850-902** Fighter Kite - include a picture of the kite in flight, and a description of the flight.
- **H-850-904** Educational display - exhibit could be a poster, scrapbook, notebook or three-dimensional display on a topic related to aerospace such as: space flight, flight simulator, parts of a remote control, parts of a helicopter, or hang gliders.

**Pilot in Command - Unit 4**

- **H-850-007** Rocket: Any Skill Level 4 Rocket with wooden fins or any self-designed rocket. Scoresheet SF92.
- **H-850-008** Display: Display exemplifying one of the principles learned in the Pilot in Command Project. Examples include: flying lessons, or careers in aerospace. Display can be any size up to 28" by 22". Scoresheet SF93.
*H-850-905  Box Kite - include a picture of the kite in flight, and a description of the flight.
*H-850-906  Educational display - exhibit could be a poster, scrapbook, notebook or three-dimensional display on a topic related to aerospace such as planning a flight route, navigation systems, life in space, aerospace careers or emergency medical service.

Department H, Division 851-ATV  Pay Category #4
Classes:
*H-851-001  Safety Poster - six photos of yourself demonstrating safety measure necessary for ATV operation.
*H-851-002  Demonstration Display - show some part or system of an ATV, worn or broken part, step-by-step repair procedure, etc. Include a brief description. Display on a board 24” high x 32” wide and 1/4” thick.
*H-851-003  You Be the Teacher - Educational notebook, display, collection of materials that relate to project. Include 8 ½ x 11” page describing exhibit and summary of learning.

Department H, Division 895-4 Wheelin’  Pay Category #4
Classes:
H-852-001  Poster – Poster should exemplify one of the lessons learned in the 4-Wheelin’ project. Posters can be any size up to 28” x 22”.

Department H-Division 860 - Computers  Pay Category #4
Classes:
Computer Mysteries-Unit 1
*H-860-900  Greeting Card made on Computer
*H-860-901  Sign - 8 ½” x 11” paper, mounted on poster board
*H-860-902  Story - type a story using a word processing program
*H-860-903  Other - business card, letterhead, etc. created on computer

Computer Mysteries - Unit 2  Pay Category #4
H-860-001  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 a 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 and (d) other tasks that can be accomplished using the computer application software and 3) print out of your project. Scoresheet SF278.
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.

H-860-002  Produce a Computer Slideshow Presentation – Using presentation software like Microsoft PowerPoint and following the Checklist for Creating Your Next PowerPoint Presentation located at http://cit.information.unl.edu/info0806.htm, 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. Scoresheet SF277.

H-860-003  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’er working with the adult(s). The report should be in a clear plastic cover. Scoresheet SF279.

Computer Mysteries - Unit 3  Pay Category #4
H-860-004  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. Scoresheet SF276.

H-860-005  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, so must include a permission form which can be downloaded at http://www.pawnee.unl.edu/knowhowknownow. Scoresheet SF276.

H-860-006  Build a Web Site – Design a simple Web site for providing information about a topic related to youth using either software programs such as an HTML editor like Microsoft’s FrontPage or Macromedia’s Dreamweaver, and image editor like IrfanView or GIMP or online using a WIKI such as Google Sites. If the Web site 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. Scoresheet SF275.

Department H, Division 861 - Robotics  Pay Category #4
Youth enrolled in Robotics Explorer, Robotics Probe or GEAR TECH 21 may exhibit in any class within this division.

Classes:
H-861-001  Robotics Poster - Create a poster (14” X 22”) communicating a robotics theme such as “Robot or Not”, “Pseudocode”, “Real World Robots”, “Careers in Robots” or “Autonomous Robotics”, “Precision Agriculture” or a robotic topic of interest to the 4-H’er. (SF236)
H-861-002 Robotics Notebook-Explore a robotics topic in-depth and present your findings in a notebook. Documentation should include any designs, research, notes, pseudocode, data tables or other evidence of the 4-H’ers learning experience. The notebook should contain at least three pages. Topics could include a programming challenge, a programming skill, calibration, sensor exploration, or any of the topics suggested in Class 1. (SF237)

H-861-003 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. (SF238)

H-861-004 Robotics /Careers Interview (SF239)-Interview someone who is working in the field of robotics and research the career in robotics. Interviews can either be written or in a multimedia format (CD/DVD). Written interviews should be in a notebook. Written reports should be 3 to 5 pages, double spaced, 12 point font, and 1” margins. Multimedia reports should be between 3 to 5 minutes in length. (SF239)

H-861-005 Robotics Sensor Notebook (SF241)-Write pseudo code which includes at least one sensor activity. Include the code written and explain the code function. (SF241)

H-861-006 Build a Robot (may use kit)-Include a robot and notebook including the pseudocodes for at least one program you have written for the robot, the robots purpose, and any challenges or changes you would make in the robot design or programming. (SF243)

H-861-007 Kit Labeled Robot (cannot be programmed)-This class is intended for explorations of robotic components such as arms or vehicles OR educational kits marketed as robots that do not have the ability to be programmed to "sense, plan and act." The exhibit should include a project the youth has constructed, a description of what it does and an explanation of how it is similar to and different from a robot. (SF243)

Department H, Division 870 - Electricity

Classes:

Magic of Electricity - Unit 1

*H-870-901 Switch: Made to specifications in Magic of Electricity manual.

*H-870-902 Circuit: 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. Make a table that shows the results of finding five items that are conductors and five items that are insulators.

*H-870-903 Parallel or Series Circuit: Using a D cell battery, battery holder, insulated wire, bulb holder and a 2 or 2.5 volt light bulb construct a parallel or series circuit.

Investigating Electricity - Unit 2

*H-870-906 Switching Circuit: Made to specifications in Investigating Electricity manual.

*H-870-907 Short Essay or Poster illustrating how three way switches function.


*H-870-909 Poster showing step by step process of building rocket launcher.


*H-870-911 Poster showing step by step process of building an alarm.

Electricity - Wired for Power - Unit 3

H-870-001 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. Scoresheet SF224.

H-870-002 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. Scoresheet SF225.

H-870-003 Electrical Display/Item - Show an application of one of the concepts learned in the Wired for Power project. Examples include: rewiring 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. Scoresheet SF226.

H-870-004 Poster - Poster should exemplify one of the lessons learned in the Wired for Power Project. Posters can be any size up to 28” by 22”. Scoresheet SF227.

Electronics - Unit 4

H-870-005 Electronic/Electronic Part Identification - Display different parts used for electrical/electronics 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. Scoresheet SF228.

H-870-006 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). Scoresheet SF229.

H-870-007 Electronic Project - Exhibit an electronic item designed by the 4-H’er or form a manufactured kit that shows the electronic expertise of the 4-H’er. Examples include: a radio, a computer, or a volt meter. Scoresheet SF230.

H-870-008 Poster - Poster should exemplify one of the lessons learned in the Entering Electronics Project. Posters can be any size up to 28” by 22”. Scoresheet SF231.

Division H, Division 880 - GPS

Youth enrolled in Geospatial or GEAR TECH21 may exhibit in any class within this division.

Classes:

H-880-001 Poster (SF299) Create a poster (not to exceed14” 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. (SF299)
Department H, Division 890 - Small Engines

Pay Category #3

Class: Crank it Up - Unit 1

*H-890-900 Small Engine Display/Item: Show an application or one of the concepts learned in the Crank it Up project. Examples include: comparison and/or identification of hand tools used to maintain/fix small engines, spark plug maintenance, importance of air filters, function of oil, classifying sources of power and safety.

Warm it Up - Unit 2

*H-890-001 Small Engine Display/Item: Show an application of one of the concepts learned in the Warm It Up project. Examples include: comparison of engine oil types, transmissions, or safety related to engines. Exhibit could be a poster display, or an actual item. Scoresheet SF222.

Tune it Up - Unit 3

*H-890-002 Engine Display/Item: Display/Item should exemplify one of the lessons learned in the Tune It Up Project. Examples include: diagnostic tools, fuel systems, ignition systems. If a complete engine is exhibited it will not be started. However, display needs to report process of building/rebuilding engine and how/where engine will be utilized (i.e. lawn mower, weed eater, snow blower, etc.). Scoresheet SF222.

Department H, Division 900 – Power of Wind

Pay Category #3

Class: 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. (SF305)

H-900-002 Wind Poster – Poster should exemplify one of the lessons learned in the Power of Wind project. Posters can be any size up to 14” x 22”. (SF307)

H-900-003 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. (SF306)

H-900-004 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. (SF304)

H-900-005 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’ x 2’. Include a notebook of why the item was designed and how it harnesses the power of wind. (SF308)

Department H, Division 911 - Woodworking

The ability to build objects as designed by another person is an important life skill. Professional woodworkers often are hired to build objects to exacting specifications as laid out in a written plan.
**Requirements:** All articles exhibited must include a plan 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 plans are modified, the changes from the original need to be noted on the plans. All plans used for making the article must be securely attached and protected by a clear plastic cover.

4-H’ers must be in advanced woodworking projects for the exhibit to be considered for State Fair.

**Classes:** (Scoresheet SF91 for all classes)

**Measuring Up - Unit 1**
*H-911-900  Article Made With Hand Tools (Manual):* Select from these Level 1 manual items: flower box, napkin or letter holder or picture frame.

*H-911-901  Article Made With Hand Tools (Not in Manual):* Item comparable to those in Level 1 manual, but not listed in class 900.

**Making the Cut - Unit 2**
*H-911-902  Article In Level 2 Manual or Comparable Item: Item using power hand tools, electric jig saw, power drill and/or oscillating sander.

*H-911-903  Comparable Article: Item fitting criteria similar to those in Level 2 Woodworking manual.

**Nailing It Together - Unit 3**
H-911-001  **Woodworking Article:** Item made using skills learned in the Nailing It Together manual. Examples include: bookcase, coffee table or end table.

H-911-002  **Woodworking Display:** Display exemplifying one of the principles learned in the Nailing It Together Project. Examples include: measuring angles, wood lamination and joint types.

H-911-005  **Recycled Woodworking Display:** Recycled Woodworking Display (SF91) – 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?)

*H-911-904  Additional Article

**Finishing Up - Unit 4**
H-911-003  **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.

H-911-004  **Woodworking Display:** Display exemplifying one of the principles learned in the Finishing It Up Project. Examples include: career opportunities, types of finishes, or dovetailing.

**H911006.  Recycled Woodworking Display (SF91) – 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 4 manual. Exhibit must include the woodworking plan and a minimum one page report of how the design and engineering process was used to develop the woodworking plan.

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

*H-911-905  Additional Article

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**Department H, Division 920 – Welding, Arcs and Sparks**

(All metal welding processes accepted) Scoresheet SF281 for all classes

Pay Category #3

All welds exhibited in class 1 or 2 must be mounted on a 12” high x 15” long display board of thickness not to exceed 3/8”. Attach each weld on a wire loop hinge or equivalent, so the judge can look at the bottom side of the weld when necessary. Each weld should be labeled with information stated 1) type of welding process (stick, MIG, TIG, Oxy-Acetylene, etc.) 2) kind of weld, 3) welder setting, 4) electrode/wire/rod size, and 5) electrode/wire/rod ID numbers. Attach a wire to display board so it can be hung like a picture frame. NOTE: You must be in your third year of a welding project to exhibit welding at the State Fair.

H-920-001  **Welding Joints** - a display of one butt, one lap and one fillet weld.

H-920-002  **Position welds** - a display showing three beads welded in the vertical down, horizontal and overhead positions.

H-920-003  **Welding Article** - any shop article where welding is used in the construction. All plans and bill of materials must be attached to the article. Protect plans with a cover.
4-H Welding Project Tips and Suggestions

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

**Stick welding** - Suggested coupon thickness - \( \frac{3}{8} \)" 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--\( \frac{3}{8} \)" if using .035 wire and 1/8" if using .023 wire.

**Oxy-Acetylene** - Suggested coupon thickness--1/8". Suggested rod – 1/8" mild steel rod.

Class 2:
1. It is suggested that all welds be on same size and thickness of metal. These pieces are referred to as coupons. The welds can be on one coupon that is about 4" x 4" or on individual coupons that are about 2" x 4" inch and \( \frac{3}{8} \)" thick. Suggested rods for this class of position welds for AC and DC straight or reverse polarity is, first E-6013, second E-7014 and E-6010 for DC reverse polarity only.
2. Welds should be cleaned with a chipping hammer and wire brush. Apply a coat of light oil (penetrating oil) to the metal to prevent rusting. Wipe off excess oil.

Class 3:
1. All welds should be cleaned and protected from rust with paint or light oil. Plans are to be complete enough that if they were given to a welding shop, the item could be made without further instructions. Bill of materials should include a cost for all items used including steel, electrodes, paint, wheels, etc.

Department H, Division 800 - Entomology

**General Information**
Specimens be mounted properly and labeled with location and date of collection, name of collector, and order name. Follow mounting and labeling instructions in the old edition of the Nebraska 4-H Entomology Manual online as a PDF file ([http://4h.unl.edu/web/4hcurriculum/4h26](http://4h.unl.edu/web/4hcurriculum/4h26)). Purchased insects and other insects not collected by the participant can be included, but must have accurate labels and will not be counted in meeting minimum requirements for the exhibit. Boxes are preferred to be not more than 12" high x 18" wide so they fit in display racks.

**Classes:**
- **H-800-001:** Entomology Display, First-Year Project (Class I). Collection to consist of 25 or more different kinds (species) of insects representing at least 6 orders. Limit of one box.
- **H-800-002:** Entomology Display, Second-Year Project (Class II). 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 present from after July 1 of the previous year. Limit 2 boxes.
- **H-800-003:** Entomology Display, Third-Year or More Project (Class III). 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 present from after July 1 of the previous year. Limit of 3 boxes.
- **H-800-004:** Special Interest Display (Class IV). Educational display developed according to individual interests and abilities. Examples include a collection from a specific insect group (e.g. butterflies, grasshoppers, dragonflies, scarab beetles, etc.) 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". Three-dimensional artwork, models, diorama and other crafts 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.

*H-800-900** Beekeeping Hive Products Display. Entry shall consist of a basket or box of hive products.

*H-800-901** Beekeeping Educational Exhibit. Exhibit could be a poster, scrapbook, notebook or three-dimensional display on a topic related to Beekeeping. Exhibit will be judged on the following:
- Originality - 25 points
- Neatness and Workmanship - 25 points
- Educational Merit - 25 points
- Eye Appeal - 25 points

Department H – Veterinary Science

**General Information**
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 or production topics.

A Veterinary Science exhibit may consist of a poster or a 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.

Appropriate Veterinary Science Topics:
- Maintaining health
- Specific disease information
- Photographic display of normal and abnormal characteristics of animals
- Animal health or safety
- Public health or safety
- Proper animal management to ensure food safety & quality
- Efficient and safe livestock working facilities
- Or a topic of the exhibitor’s choosing related to veterinary medicine or veterinary science

**REMEMBER:** Since these are science displays, all references and information needs to be properly cited.

**DEPARTMENT I - CLOVER KIDS**

Ages 5-7 (4-H ages, as of January 1 of the current year). Must be enrolled in Clover Kids Program. All entries are to be accompanied by completed entry cards. Only one exhibit per class. Limit 8 entries. All entries will receive a special ribbon. Be creative! These items are not eligible for State Fair competition and do not receive a premium.

**Classes:**

Department I, Division 10 - Just Outside the Door
I-10-001 Treasure Hunt Collage
I-10-002 Plant Grown From Seed
I-10-003 Seed Mosaic
I-10-004 Bird Feeder - Any homemade bird feeder using recycled products

I-10-005 Insect Model - Create your very own insect using non-edible media and include all the parts of an insect: 6 legs, one pair of antennae and three body sections.
I-10-006 Float Your Boat (reference page 36 of project manual) - Design and build a boat.
I-10-007 Leaf Rubbing
I-10-008 Plaster Cast of Nature

Department I, Division 20 – Aerospace 1
I-20-001 Rocket - made from food. Must be non-perishable. See directions in project manual.
I-20-002 Spacey Suit - See directions in project manual.
I-20-003 Paper Flyers - Make your favorite kind of paper flyer. This can be a helicopter, airplane, rocket or any other flying machine.
I-20-004 4-H Aerospace Manual - Enter your manual showing what activities you have completed.
I-20-005 “Go Green In Space” - Create a flying machine (airplane, helicopter, rocket, space-buggy, etc.) out of recycled materials.
I-20-006 Windsock

Department I, Division 30 - Family Celebrations from Around the World
I-30-001 Family Traditions - photograph and description of a family celebration - mounted on 8 ½ x 11” poster board.
I-30-002 Name Rhyme - write a rhyme about your name and what it means.
I-30-003 Mexican Piñata

I-30-004 Japanese Hat
I-30-005 China Dolls
I-30-006 Carp Kite
I-30-007 Mother’s/Father’s/Grandparent’s Day Poster
I-30-008 4th of July - U.S. Flag
Department I, Division 40 - Exploring Farm Animals

I-40-001  Create a Critter
I-40-002  Animal Care Collage
I-40-003  Animal Story - Handwritten, no more than 3 photos or 3 paragraphs. Ex.: Animal Care
I-40-004  Animal Sculpture - any type of medium, i.e. clay, play dough, bread dough clay, etc.
I-40-005  Exploring Farm Animal Manual - manual showing items you have completed

Department I, Division 50 - Making Food For Me

I-50-001  Making Food for Me Place Mat – Colored and decorated. Lamination or protection with clear contact paper advised.
I-50-002  Food Cards – Neatly cut and colored Food Cards, in self-sealing plastic bag or other secure container.
I-50-003  Grain Collage – Neatly cut and pasted pictures of grains cut out and displayed on collage.

Department I, Division 60 - Theater Art

I-60-001  Sock Puppet
I-60-002  Spoon Puppet
I-60-003  Other Puppet

Department I, Division 70 – A Space for Me

I-70-001  Item from “Hang It, Fold It, Keep It Neat”
I-70-002  Second Item, “Hand It, Fold It, Keep It Neat”
I-70-003  Item from “Save It, Recycle It, Reuse It”

Department I, Division 80 - Bicycle Adventures

I-80-001  Bicycle Helmet Story - On 8 ½” x 11” paper tell why bicycle helmets are important.
I-80-002  Hand Signals Poster - On 8 ½” x 11” poster draw and label three hand signals.
I-80-003  Safe Riding Poster - On 8 ½” x 11” poster draw three safe riding practices.

Department I, Division 90 - Decorate Your Duds

I-90-001  Decorate a t-shirt - any method, without using an iron or sewing machine.
I-90-002  Decorate an accessory - any method, without using an iron or sewing machine.
I-90-003  An item constructed from fleece - without using the sewing machine. Does not need to be decorated.

Department I, Division 100 - Exploring Your Body

I-100-001  Home Safety Poster
I-100-002  First Aid Kit - Use zipper-lock bag
I-100-003  Food Guide Poster

Department I, Division 110 – Clover Kid Fun Event

I-110-001  Fun Event Activity Exhibit – Any item made during a Clover Kid Fun Event.

“Gate to Plate” - Show what products or by-products we get from animals. Maximum exhibit size 14”x22”.

Parts of a Farm Animal - Exhibit may focus on one species or show multiple species. Maximum exhibit size 14”x22”.

Know Your Breed - Create an exhibit that shows what you have learned about the breed of any farm animal.

Dairy Tasting Party – Completed Dairy Tasting Party form from Project Book (Page 17). May be copied or cut from manual.

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

Healthy Snack – Four cookies, bars, muffins, etc., on a paper plate or at least 1 cup of mix. (examples: snack mix made from a cereal base, no-bake or simple cookie or granola bar.)

Picture Story - See page 28 of manual

Theater Arts Manual - with completed activities

Strike up the Band- create a musical instrument

Second Item “Save It, Recycle It, Reuse It”

Second Item “Color It, Paint It, Create It”
Future Farmers of America Organization, Dept. of Vocational Agriculture

All items entered in this department must be made by all-day students of Vocational Agriculture during the school year. Each article entered shall be neatly labeled with the name of student and cost of construction. Shop projects will be judged on construction, workmanship, utility design and material finish.

Classes:

**Department K, Division 10-Agricultural Mechanics Shop Projects**

Pay Category #3

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-10-01</td>
<td>Carpentry (large items) such as wagon box, loading chute, calf feeder, feed bunk, etc.</td>
</tr>
<tr>
<td>K-10-02</td>
<td>Carpentry (medium sized items) such as farm gate, work bench, ladder, picnic table, small feeder, etc.</td>
</tr>
<tr>
<td>K-10-03</td>
<td>Carpentry (small items), such as poultry feeder, tool cabinet, pair saw horses, hog trough, pig brooder, lawn chair, show box, etc.</td>
</tr>
<tr>
<td>K-10-04</td>
<td>Metals (large items) such as remodeled machinery, trailer chassis, manure loader, post hole digger, loading chute, etc.</td>
</tr>
<tr>
<td>K-10-05</td>
<td>Metals (medium-sized items) such as power drill press, power hacksaw, seed treater, tank heater, power lawn mower, welding table, feed cart, farm gate, etc.</td>
</tr>
<tr>
<td>K-10-06</td>
<td>Metals (small items) such as saw horse, hand cart, poultry feeder, post driver, shop stool, ladder, foot scraper, farm sign, electrode holder, mail box stand, etc.</td>
</tr>
<tr>
<td>K-10-07</td>
<td>Large Item such as trailer, loading chutes or low boy, etc.</td>
</tr>
<tr>
<td>K-10-08</td>
<td>Medium Item such as picnic table, farrowing crates, etc.</td>
</tr>
<tr>
<td>K-10-09</td>
<td>Small Item such as hog troughs, stepping stones, fence posts, etc.</td>
</tr>
</tbody>
</table>

**Department K, Division 20-Display Boards** (Display board shall be 18” x 24” in size.)

Pay Category #3

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-20-010</td>
<td>Display board at least six exercises in oxyacetylene welding</td>
</tr>
<tr>
<td>K-20-011</td>
<td>Display board of at least six exercises in arc welding</td>
</tr>
<tr>
<td>K-20-012</td>
<td>Display board of at least four soldering and sheet metal items</td>
</tr>
<tr>
<td>K-20-013</td>
<td>Display board of at least six electricity items.</td>
</tr>
</tbody>
</table>

**Department K, Division 30-Crops**

Pay Category #3

Four stalks of corn; 10 heads of grain sorghum with 10 inch stem or one quart of sorghum seed; 10 plants of soybeans or 1 quart grain; one quart of small grain constitutes an exhibit.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-30-014</td>
<td>Corn (dryland)</td>
</tr>
<tr>
<td>K-30-015</td>
<td>Corn (irrigated)</td>
</tr>
<tr>
<td>K-30-016</td>
<td>Grain Sorghum (dryland)</td>
</tr>
<tr>
<td>K-30-017</td>
<td>Grain Sorghum (irrigated)</td>
</tr>
<tr>
<td>K-30-018</td>
<td>Soybeans (dryland)</td>
</tr>
<tr>
<td>K-30-019</td>
<td>Soybeans (irrigated)</td>
</tr>
<tr>
<td>K-30-020</td>
<td>Wheat</td>
</tr>
<tr>
<td>K-30-021</td>
<td>Oats</td>
</tr>
</tbody>
</table>