Pushmataha County
Free Fair
September 12th-15th, 2018
Pushmataha County Fairgrounds

4-H Exhibit Book

Superintendent:
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Extension Secretary, Shelly Stevenson
Nutrition Assistant, Amanda Alford
4-H CLUB EXHIBITS AND CONTEST

ELIGIBILITY OF 4-H MEMBERS
1. Exhibition in this department is limited to Oklahoma 4-H members who have been enrolled and actively participating in the program for a minimum of 30 days prior to this State Fair, and who meet the following requirements.
2. Each county must enter and exhibit all members' entries in sections 300-325 and 327 at the one State Fair they designate. Unless the State 4-H Office is notified by July 1, it is understood that the county will exhibit at the same State Fair as in the previous year.
3. All 4-H exhibits must be entered by County Extension Educators.
4. Members should be enrolled in the project area to exhibit.
5. The 4-H member should enter the class that matches his/her 4-H age. (Age before September 1 of the 4-H year.) All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit.
6. All exhibits must have been made and completed by the exhibitor during the last year, and cannot be entered more than one time, except for classes which are collections that are added to in successive years.
7. For each class, entries are limited to one per individual and also one per county. For other pertinent information relative to project being exhibited, refer to the specific sections, classes, and respective project curriculum.
8. 4-H members who enter crops and horticulture must be able to prove that such crops entered in his/her name were produced by the member during the current year.

RESPONSIBILITY FOR EXHIBITS
4-H exhibits at the Tulsa State Fair are entered and displayed at the risk of the exhibitor. The 4-H Program of Oklahoma State University, in cooperation with the Board of Directors, Tulsa State Fair, accepts exhibits and will exercise due care to protect them. However, neither the 4-H Program nor Tulsa State Fair can accept responsibility for loss or damage due to the conditions imposed by large crowds, the arrangement of the buildings in which exhibits are housed or the large number of exhibits. Members who have exhibits of great sentimental and/or monetary value should carefully consider whether such exhibits should be exposed to the hazards of the Fair.

RELEASING OF EXHIBITS
Exhibits in the 4-H building will be released between 10:00 a.m. - 4:00 p.m. Sunday, October 7. Exhibits must be carried out during this release time. Larger exhibits requiring a trailer or pickup may make special arrangements before or after fair hours.

ALL EXHIBITS MUST BE OUT OF THE BUILDING BY 4:00 p.m. All premium money earned will be paid to the County Extension Office not the individual student. All Counties participating in the contest must provide a tax identification number in order for the premiums to be paid to the County.

COPY WRITTEN MATERIAL AND REFERENCING SOURCES
All 4-H exhibits should be the original work of the 4-H member. When information is taken from books, publications, magazines, or from the internet it should be expressed in the 4-H members own words. The 4-H member must reference the source of the information by using an asterisk (*) or a number (if more than one) and the name of the source at the end or bottom of paper, poster, or educational display, following or corresponding number in text.
No copyrighted or trademark protected written or visual material (pictures, photos, drawings, illustrations, etc.) should be used from books, magazines, publications, professional photographs, or from the internet without permission from the original creator. If 4-H'er applies for and is granted permission to use a copyrighted or trademark protected item, a copy of the permission form or letter needs to be attached to the back of the exhibit and properly cited with an asterisk (*) or number and the source. If an item (picture, photo drawing, illustration, etc.) that is not protected is used its source must be cited and referenced by using an asterisk (*) or number and the source information placed at the end or bottom of paper, poster, or educational display, following an asterisk or corresponding number.

EDUCATIONAL DISPLAYS
All educational displays must have stable, free-standing backs with sides attached. This includes Sec. 301 and educational displays in specific project areas. See class description for size requirements. Educational displays must be 3-dimensional.
NOTE: The sizes indicated in specific classes is the maximum table space allowed when sides are extended. First Place Educational displays will be exhibited. Subsequent placing displays will be displayed as space allows.
Do not include valuables, food items that will spoil or potentially harmful products (such as aspirin, cleaning products, chemicals, etc.) in any educational display. Neither the Tulsa State Fair nor the 4-H Program can accept responsibility for loss of valuables. Potentially harmful products will be discarded. Text of display should be readable from at least 10 feet away.

POSTERS
For display purposes, exhibitors are encouraged to laminate all posters or cover them with clear plastic film. Posters must be signed and dated on the back with a permanent marker before laminating. If not marked the judging committee may mark or punch. All posters must be flat (no 3-dimensional posters). Text on posters should be readable from at least 10 ft. away.
NOTE: Posters in section 300 MUST include the 4-H Clover or mention 4-H. Posters in other sections/classes are encouraged to but are NOT required to include the 4-H Clover or mention 4-H unless requested in section/class description.

SIGNING AND DATING EXHIBITS
Exhibits should be permanently signed and dated, in an inconspicuous location, if material permits. Some exhibits that should be signed and dated are posters, most expressive arts including fine art, ceramics, woodworking and woodcrafts, herbarium cards, seed boards,
SECTION 300 - 4-H POSTER ART EXHIBIT

Posters must be constructed on poster board, 14" x 22" (1/2 of a poster board). They may be horizontal or vertical. Posters may be produced by any medium — watercolor, ink, crayon, acrylic, charcoal, collage, computer, etc. Posters must be flat. Do not use 3-dimensional pieces on posters. Posters will be judged on (1) educational idea portrayed, (2) public appeal, and (3) creative and original ability presented. Copyrighted or trademarked cartoon characters or other designs must not be used due to copyright restrictions. For display purposes, exhibitors are encouraged to laminate all posters or cover all posters with clear plastic film. Posters must be signed and dated on the back in permanent marker before laminating. If not marked the judging committee may mark or punch. The text should be readable from at least 10 ft. away.

Each county is limited to one poster per class. Individual 4-H member is restricted to those exhibits designed for his or her age group. **All exhibitors must be at least 8 years old and in 3rd grade by September 1 to exhibit.** The 4-H member’s name, age before September 1 and county should be on the back of the poster in the upper left hand corner.

**NOTE: POSTERS IN THIS SECTION MUST INCLUDE 4-H CLOVER OR MENTION 4-H.** When using the official clover with H’s, the tail should curve to the right and the words 18 U.S.C. 707 must appear under the lower right leaflet, unless poster and clover are hand drawn. For more information on proper use of the 4-H clover please refer to http://4h.okstate.edu/educators/4-h-name-and-emblem

Ribbons will be placed on top ten in each class. Premiums will be paid on the top three places in each class as follows: 1st-$7, 2nd-$5, 3rd-$3.

**BEGINNER DIVISION (Ages 8*-11)**

1. 4-H promotional poster designed to recruit 4-H members, volunteers or promote any 4-H event or designed to promote any 4-H project.
2. Poster designed to promote 4-H using the national campaign "4-H Grows Here".
3. Poster recognizing or documenting one of the following: Oklahoma 4-H history during one decade or the evolution of a particular 4-H project area over the decades.

**INTERMEDIATE DIVISION (Ages 12-14)**

4. 4-H promotional poster designed to recruit 4-H members, volunteers or promote any 4-H event or designed to promote any 4-H project.
5. Poster designed to promote 4-H using the national campaign "4-H Grows Here".
6. Poster recognizing or documenting one of the following: Oklahoma 4-H history during one decade or the evolution of a particular 4-H project area over the decades.

**ADVANCED DIVISION (Ages 15 and over)**

7. 4-H promotional poster designed to recruit 4-H members, volunteers or promote any 4-H event or promote any 4-H project.
8. Poster designed to promote 4-H using the theme national campaign "4-H Grows Here".
9. Poster recognizing or documenting one of the following: Oklahoma 4-H history during one decade or the evolution of a particular 4-H project area over the decades.

**SECTION 301 - 4-H EDUCATIONAL BOOTH DISPLAY**

Each county is eligible to enter one educational booth per class. This must be an in-depth look at a 4-H project or projects. Space for the booth is 3 feet deep and 4 feet wide. (with sides extended for display.) Back can be 4 feet high. There will be no solid dividers between booths. Use lightweight materials for ease in transporting. Display must be free-standing. Models, photographs, posters or other means of display may be used. Display may be prepared by an individual or group from a county. Criteria for judging will be (1) effectiveness of the message, (2) appropriateness to the theme, (3) interest and attractiveness to the public.

Display must focus on ONE of the following and be suitable for display at a local business during National 4-H week or at another time:

- Promotion of a specific 4-H project, member recruitment, current youth issue, event, etc.
- Community Service
- The national campaign "4-H Grows Here".

**EXHIBITS IN THIS SECTION MUST PROMINENTLY DISPLAY A 4-H CLOVER OR MENTION 4-H.** When using the official clover with the H’s, the tail should curve to the right and the words 18 U.S.C. 707 must appear in the lower right leaflet, except for hand drawn clovers.

For more information on proper use of the 4-H clover please refer to http://4h.okstate.edu/educators/4-h-name-and-emblem

Do not include valuables, food items that will spoil or potentially harmful products in any educational display. Neither the Tulsa State Fair nor the 4-H Program can accept responsibility for loss of valuables. Potentially harmful products will be discarded.

Ribbons will be placed on the top 10 in this class:

| CLASSES | |
|-----------------|-----------------|-----------------|-----------------|
| Educational Booth Display (other than Community Service or Building your 4-H Legacy). Display may be project area, member recruitment, current youth issue, event, etc. | $75 | $50 | $35 |
| Community Service Booth Display - Sharing about a community service that 4-H member or county group has done. Should include pictures, examples, and scope of projects. The impact on others will be an added criterion for judging. Project should be the extension of a 4-H project area | $30 | $25 | $20 |
| Display using the national campaign "4-H Grows Here". | $30 | $25 | $20 |

**SECTION 302 - 4-H PHOTOGRAPHY**

These exhibits consist of photos taken by the individual exhibitors. A photo can be entered only one year. Individuals can exhibit in only one Level, and may enter only one exhibit per class in that level. **All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit**

135
Digitally Adjusted Photos
Exhibit must include both the original photo labeled "original photo", the digitally adjusted photo labeled "adjusted photo", with a short summary of what was done (cropping, red-eye removal, color or contrast adjustment, gray scaling, exposure adjustment, etc.) Must be on a single black or white poster board, foam board or mat board 14" x 14".
23. Junior (8*-13 years old)
24. Senior (14 and over)
Digitally altered photograph/photographic illustration taken with a digital camera by the exhibitor. Alterations are beyond common photography techniques of red eye removal, cropping, etc. Exhibit includes a print of the original photograph, labeled "original photo", and the digitally altered image, labeled "photographic illustration". Must be securely attached to a single black or white foam core or poster board 14" x 14". Attach up to 1/2 page of written explanation of the alterations to the back of the exhibit.
25. Junior (8*-13 years old)
26. Senior (14 and over)
Digitally altered scanned image. Exhibit must include the original image labeled "original image", and the digitally altered image, labeled "altered image". Alterations are beyond common photographic techniques of red eye removal, cropping, etc. Must be securely attached to a single black or white foam core or poster board 14" x 14". Attach up to 1/2 page of written explanation of the alterations to the back of the exhibit. Trademarked images may not be used.
27. Junior (8*-13 years old)
28. Senior (14 and over)

SECTION 303 – 4-H EXPRESSIVE ARTS EXHIBITS
Juniors - Ages 8*-13 – Seniors - Ages 14 & Over
One exhibit per county per class. Individual members may enter only one exhibit per class. Exhibits in all classes are limited to items that cannot be exhibited in other sections.
Exhibits must be permanently signed and dated in an inconspicuous location, if size and material permits. Ceramics should be signed before firing. Judge or judging committee at the state level may mark exhibit with fair and year (for example: TSF 2016), if not signed and dated. Effort will be made to mark in an inconspicuous place. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit.
Paintings, drawings, and other items that are to be hung must have a hanger attached or they may not be displayed.
Ribbons will be placed on the top ten (10) in each class. Only 1st-5th place exhibits will be displayed or as space allows.
Premiums will be paid on the top three in each class as follows: 1st-$7, 2nd-$5, 3rd-$3

CLASS
1. Jr. Fine Art — Pencil, Charcoal, pastel, chalk, ink
2. Sr. Fine Art — Pencil, Charcoal, pastel, chalk, ink
3. Jr. Fine Art — Watercolor
4. Sr. Fine Art — Watercolor
5. Jr. Fine Art — Oil or Acrylic
6. Sr. Fine Art — Oil or Acrylic
7. Jr. Ceramics — Glazed (maximum of one piece)
8. Sr. Ceramics — Glazed (maximum of one piece)
9. Jr. Ceramics — Stained (maximum of one piece)
10. Sr. Ceramics — Stained (maximum of one piece)
11. Jr. Pottery — Original design made from clay using a process of hand molding or on a potter's wheel
12. Sr. Pottery — Original design made from clay using a process of hand molding or on a potter's wheel
13. Jr. Print Process Article — Block printing and other printing methods
14. Sr. Print Process Article — Block printing and other printing methods
15. Jr. Nature Craft — Article made from natural materials including weaving or basket making
16. Sr. Nature Craft — Article made from natural materials including weaving or basket making
17. Jr. Bead Craft Article
18. Sr. Bead Craft Article
19. Jr. Leathercraft — Kit
20. Sr. Leathercraft — Kit
22. Sr. Leathercraft — Original Design
23. Jr. Handcrafted Wax Candle
24. Sr. Handcrafted Wax Candle
25. Jr. Handcrafted Gel Candle
26. Sr. Handcrafted Gel Candle
27. Jr. Puppet
28. Sr. Puppet
29. Jr. Paper Craft
30. Sr. Paper Craft
31. Jr. Plastic Craft — Includes but not limited to Lego™ Art. If Lego™ Art is entered, it must be glued
32. Sr. Plastic Craft — Includes but not limited to Lego™ Art. If Lego™ Art is entered, it must be glued
33. Jr. Duct Tape Craft
34. Sr. Duct Tape Craft
Group Projects (Developed by two or more 4-H members).

Computer generated map. Map can be either informational or directional. Attach a one page explanation of the purpose for the map.

Club or County Mapping Project Display
21. Display must be free standing and are limited to 36" x 36" (width x depth) when sides are extended. Commercially available “Science Fair Presentation Boards” are encouraged. It should show and explain the project in detail including printouts of maps, pictures of the project being done, who was collaborated with, and how the project results have and will be utilized. Exhibit must be labeled on the back with the following information for all participating members: Name, Club, County, Age before September 1 and date of poster or exhibit was made.

4-H Robotics
The goal of the 4-H robotics program is for 4-H members to explore science, technology and engineering through designing and building a functioning robot. The robot can be either programmable or remote controlled. The robot can be created by an individual or a group.
The 4-H robotics exhibits are open to all ages. They will be judged separately in two age groups. Juniors ages 8*-13 years old and Seniors 14 and over. Every exhibit must be labeled on the back with the following information: Name, Club, County, Age before September 1 and date of poster or exhibit was made.
Attach a 3" x 5" index card to each robot/exhibit, explaining: Construction material, how constructed and goal of project, year in project, age of member, whether or not made from kit, and other pertinent information.
Each exhibit should have a one page report explaining the function, purpose and construction of the robot.
Displays must be free standing and are limited to 36" x 36" (width x depth) when sides are extended for display.
Placing ribbons will be awarded to the top ten in the following classes. Premiums will be paid on the top three exhibits.

Programmable Robot
22. Junior
23. Senior

Remote-controlled Robot
24. Junior
25. Senior

Display with photographs and explanation of a member developed robot which is not available for exhibit.
26. Junior
27. Senior

Projects Group Developed by two or more 4-H members working together. (Include all 4-H members’ information involved on index card.)
28. Programmable Robot
29. Remote-controlled Robot
30. Display with photographs and explanation of a member developed robot which is not available for exhibit.

Simple Machines

Marshmallow catapult challenge design task
Design requirements:
Design a trebuchet-style swing arm catapult. It may be similar to a teeter-totter or swing set. The beam (arm) is able to swing (go up and down). The arm of the catapult must be adjustable from the center to an offset (One side of the beam is longer from center pivot point.). Use at least five (5) different types of materials or parts (craft sticks, brads, dowels, etc.). Use weights and gravity as the power source. Launch a marshmallow at least six (6) feet. Reference: National 4-H Curriculum, Junk Drawer Robotics, Level I. Attach a 3 x 5 note card. Explain how you built and tested your catapult. Chart your marshmallow launches.
31. Juniors (8*-13)
32. Seniors (14 and over)

Wind turbine
Use the 2011 National Science Experiment Youth Guide to design, build and test your own wind generator. Wind generators must be homemade and not built from a kit. Test your turbine with a multi meter and report your results on a 3 X 5 card attached to your turbine.
http://www.4-h.org/4-h-national-youth-science-day/past-experiments-archives/
33. Juniors (8*-13)
34. Seniors (14 and over)

SECTION 305 – 4-H SCIENCE DISCOVERY PROJECTS

The goal of this project and exhibit is to allow 4-H members to:
• Use the scientific method to gain an understanding of how things work and the variables that affect them.
• Take an open and creative approach to problem solving.
• Learn that a successful outcome is based not on personal opinion but on scientific fact.
• Improve written and visual communication skills.

4-H members are encouraged to use their 4-H projects as the basis for their scientific research and discovery project. Exhibits should relate to one of the following topics:
01. **Simple Tops** (shirt, tank top, t-shirt, vest, poncho, any other similar item not stated)
02. **Simple Bottoms** (shorts, capris, pants, skirts, any other similar item not stated)
03. **Non-human Apparel** (doll clothes, pet or livestock garment, any other similar item not stated)
04. **Sewn Fashion Accessory** (sewn hats, scarves, bag, wallet, string-pack or textile based jewelry, any other similar item not stated)
05. **Knitted/Crocheted Yarn/Thread Fashion Accessory** (knitted/crocheted hats, scarves, bag, wallet, string-pack, or textile based jewelry, any other similar item not stated)

**Level 2 (Ages 11-12)**

Project must have at least 2 of the skills required for the ADC level 2 project work

06. **One piece garment with facing** (robe, jacket, dress, jumpsuit, shooting vest, any other similar item not stated)
07. **Simple Bottom with pocket and/or waistband or facing** (shorts, capris, pants, skirts, any other similar item not stated)
08. **Two piece garment** (top and bottom, jacket/vest with bottom/dress, PJ’s, any other similar set of items, not stated)
09. **Non-human Apparel** (doll clothes, pet or livestock garment, any other similar item not stated)
10. **Sewn Fashion Accessory** (sewn hats, scarves, bag, wallet, string-pack, or textile based jewelry, any other similar item not stated)
11. **Knitted/Crocheted Yarn/Thread Fashion Accessory** (knitted/crocheted hats, scarves, bag, wallet, string-pack, or textile based jewelry, any other similar item not stated)

**Level 3 (Ages 13-14)**

Project must have at least 2 of the skills required for the ADC level 3 project work.

12. **Blouse/Shirt with sleeves and closure** (set-in, flat inset, cap, raglan, or kimono, any other similar item not stated)
13. **Bottom with zipper and/or pocket** (shorts, capris, pants, skirts, any other similar item not stated)
14. **Two piece garment** (coordinating top and bottom, jacket/vest with bottom/dress, PJ’s, uniform, any other similar item not stated)
15. **Sewn Fashion Accessory** with closure/fastener and seams.
16. **Knitted/Crocheted Yarn/Thread Fashion Garment or Accessory** (knitted, crocheted, tatted, any other similar item not stated)
17. **Redesigned Original Apparel** with before and after pictures and a written description of the design and construction process the member chose and why. See instruction sheet for details.

**Level 4 (Ages 15 and up)**

Project must have at least 2 of the skills required for the ADC level 4 project work.

18. **One piece lined or unlined garment** (pants, skirt, coat, jacket, dress, jumpsuit, uniform, formalwear, any other similar item not stated)
19. **Unlined or lined two piece ensemble/coordinate**
20. **Fashion Accessory or Garment designed for Special Needs**. "Special Needs" being the individual requirements of a person with a mental, emotional, physical disability or disease. Include a description of whom it was made for, why the need, any special adaptations per the individuals request and any other pertinent information supporting the finished product.

**ALL AGES**

21. **Costume human** - (dance, pageant, holiday, theatrical, reenactment/period/living history garments or any other similar item not stated. Must be a complete costume (or a total look) which required hand and/or machine stitching. No costume accessories without the base garment(s). Shoes not required. State character and costume use on an attached 3 x 5 card.

22. **Costume non-human** - (dance, pageant, holiday, theatrical, reenactment/period/living history garments or any other similar item not stated. Must be a complete costume (or a total look) which required hand and/or machine stitching.

**INTERIOR DESIGN & CONSTRUCTION - (IDC)**

IDC project must be made largely from a textile product unless otherwise stated. A textile is a flexible material made of fiber/thread/yarn. Textiles are formed with various methods including weaving, knitting, crocheting, knotting or felting. Other words for textiles are cloth and fabric.

**Level 1 (Ages 8*-10)**

Project must have at least 2 of the skills required for the IDC level 1 project work

23. **Home Accent Bath, Bedroom, Kitchen, Storage, Living Room, or Outdoors**: caddy; rug; or cover (example of "covers" tissue, toilet, TP) decorative towel; simple curtain; trash can, any other similar item not stated) pillow case, pillow, simple blanket/quit, trash can, padded hanger, bulletin board, rug, any other similar item not stated, bucket caddy, hanging storage unit, under-bed storage, basket liners, storage box, locker storage, scrapbook cover, any other similar item not stated

24. **Bags**: laundry, jewelry, cosmetic, book/electronic cover, any other similar item not stated

25. **Seasonal Décor from fabric**: table runner, placemat with napkin, wall hanging, centerpiece, decoration, any other similar item not stated constructed by hand or machine stitching. **(Do not include any item which would fit under HTDC)**

26. **Seasonal Décor non fabric**: wall hanging, centerpiece, decoration, any other similar item not stated

**Level 2 (Ages 11-12)**

Project must have at least 2 of the skills required for the IDC level 2 project work.

27. **Home Accent Bath, Bedroom, Kitchen, Storage, Living Room, or Outdoors**: food caddy/warmer, appliance cover, message center/board, simple curtain, table cloth, simple table runner, hand/dish towel, potholders, hot pad, apron, lunch bag, placemats and napkins, two pillowcases, two coordinating pillows, two decorated towels or any combination of two pieces, blanket/quit with binding, lamp shade, lap desk, rug, painted floor cloth, bucket caddy, hanging storage unit, under
49. **Hand or Machine Pieced or Appliquéd Item** – no larger than 16” X 16”. Focus on the creation of fabric/textile. No quilting on the finished piece. Examples might include: picture or wall art, pillow, bag, doll quilt, table runner, etc.

50. **Repurposed Textile Creation**: Item made from repurposed or non-traditional textile material which can be worn/carried or used in the home.

**Level 3 (Ages 13-14)**

Project must have at least 2 of the skills required for the HTDC level 3 project work.

51. **Stuffed animal, doll or puppet** with a minimum of two hand and/or machine sewing techniques (i.e. facial features, hair, movable parts, fake fur, clothing, any other similar item not stated)

52. **Decorative Textile Technique**: Fashion or home accessory, clothing or wall décor using two or more decorative textile techniques such as weaving, Trapunto, surface textiles, quilting, applique, beading, lacing, dyeing, printing, thread painting, etc. Judged on the creativity and mastery of the decorative textile technique.

53. **Needle Art by Hand or Machine**: floss, yarn (crewel) or ribbon, counted cross-stitch, needlepoint, needle punch, smocking, Trapunto quilting applied to garment/accessory, home accessory, picture, wall hanging or blanket/quilt.

54. **Hand or Machine Pieced and/or Appliquéd Item finished with Hand or Machine quilting**. Examples might include: picture or wall art, pillow, bag, doll quilt, table runner, etc.

55. **Repurposed Textile Creation**: Item made from repurposed or any non-traditional textile product which can be worn, used in the home, school, office, any other similar item not stated.

**Level 4 (Ages 15 and up)**

Project must have at least 2 of the skills required for the HTDC level 4 project work.

56. **Stuffed animal, doll or puppet** with multiple (more than 2) hand and machine sewing techniques (i.e. facial features, hair, movable parts, fake fur, clothing, any other similar item not stated)

57. **Decorative Textile Technique**: Fashion or home accessory, clothing or wall décor using two or more decorative textile techniques such as weaving, Trapunto, surface textiles, quilting, applique, beading, lacing, dyeing, printing, thread painting, etc. Judged on the creativity and mastery of the decorative textile technique.

58. **Needle Art by Hand or Machine**: Hand embroidery: floss, yarn (crewel) or ribbon, counted cross-stitch, needlepoint needle punch or unspecified hand technique applied to garment/accessory, home accessory, picture, wall hanging or blanket/quilt.

59. **Hand or Machine Pieced and/or Appliquéd Item with Hand or Machine quilting**. Examples might include: picture or wall art, pillow, bag, doll quilt, table runner, etc.

60. **Repurposed Textile Creation**: Item made from repurposed or non-traditional textile which can be worn, used in the home, school, office, car or any other similar item not stated.

**SECTION 307 – 4-H BABYSITTING / CHILD CARE**

Refer to member and leader guides for ideas. A county may enter one exhibit in each class. Individual 4-H member can enter one exhibit per class in appropriate age groups. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit. Please reference the State 4-H Website http://4h.okstate.edu/literature-links/it-online/family-consumer-science/4HBabysittingChildCareProjectUnitOne.pdf for literature listed below. Ribbons will be placed on the top ten (10) in each class. Only 1st-5th place exhibits will be displayed or as space allows. Premiums will be paid on the top three in each class as follows: 1st - $7 2nd - $5 3rd - $3.

**Unit One (Ages 8*-13)**

1. **Baby Book** - Any practical size, minimum of 5 pages covering at least 9-10 months of development. Includes photographs, drawings, mementos and comments on developmental milestones. Must be clear that 4-H’er has contributed child development information to book. Baby books prepared earlier by parents may not be entered unless 4-H’er reworks the information. Handwriting should be youth preparing the exhibit not an adult. See Unit One, page 13. Do not confuse with Class 5, Children’s Book.

2. **Puzzles Help Children Learn** - Any Size. Two (2) puzzles developmentally appropriate for children at two distinct age and ability levels. Each puzzle must have its own storage container. Puzzles must be sturdy and covered so can be cleaned with damp cloth. Describe the child for whom each puzzle would be appropriate by giving child’s age, interest, ability. Puzzles should be suitable for either boys or girls. Do not indicate that a puzzle is for boys or girls only. See Unit One, page 12. Commercially made puzzles are not eligible.

3. **Child Care Poster** - Must be 14" x 22" and must be permanently signed and dated on the back prior to lamination. Judging committee may mark or punch if not marked. Text of poster should be visible for at least 10 ft. away. Choose one of these topics to develop poster: Behavior and Guidance—Include pictures and fact about child development. (See Unit One, pages 14-15 and No. 706); Safety Risks and Procedures—include common safety risks that a babysitter needs to be aware of and procedures to address the safety issue (See No. 575, pages 4-7 Unit 1, pages 16-17; Unit 2, pages 28-29; 4-H Army Child & Youth Services Babysitting Student Guide, pages 25-44); Ages and Stages of Development (No 575, page 10, 4-H Army Child & Youth Services Babysitting Student Guide, pages 49-50)

4. **Basic First Aid Kit** - Create a basic first aid kit from scratch (not a purchased kit) that includes the basic supplies to take care of small accidents such as bumps, scrapes, stings, and sprains. Include an emergency contact list in the first aid kit that includes but is not limited to: Emergency numbers for police, fire department, poison control, veterinarian, etc. Include a supply list and the cost to put the kit together. The kit should be in a container with a lid or zipper closure. Make sure there is a label on the kit that identifies it as a “First Aid Kit.” See 4-H Army Child & Youth Services Babysitting Student Guide, pages 37-41

**Unit Two (Ages 14-19)**

5. **Children’s Book** - Written, illustrated and constructed by 4-H’er. May be written for a specific child with text relating to that child or for children of certain age range. Indicate appropriate age range. Construction paper, computer printout, cloth or poster board may
FOOD SCIENCE & NUTRITION POSTER & EDUCATIONAL DISPLAYS

Posters and Educational Displays must be permanently signed and dated on the back prior to lamination. Judging committee may mark or punch if not marked. Text of posters and displays should be readable from at least 10 ft. away. Posters 14” x 22”, Educational Displays 3’ x 3’ (width x depth) and self-standing.

DIVERSITY EXHIBITS
LEVEL TWO (AGES 8*-11)
17. Educational poster based on breads OR cheeses of another country or countries.

LEVEL THREE AND FOUR (AGES 12 AND OVER)
18. Educational poster based on the foods from another culture. Can be based on a cultural celebration

NUTRITION EXHIBITS
LEVEL TWO (AGES 8*-11)
19. Educational poster based on recipe modification for healthful eating.

LEVEL THREE (AGES 12-14)
20. Educational poster based on the nutritional contributions of fruits and vegetables

LEVEL FOUR (AGES 15 AND OVER)
21. Educational display based on a recipe modification to include:
   - Original recipe and what modifications were made
   - Benefits of the modifications
   - How did the modifications impact the above factors
   - What were other people’s responses to the modifications

FOOD OR KITCHEN SAFETY EXHIBITS
LEVEL TWO (AGES 8*-11)
22. Educational poster based on food or kitchen safety

LEVEL THREE (AGES 12-14)
23. Educational poster based on protein food safety

LEVEL FOUR (AGES 15 AND OVER)
24. Educational poster based on outdoor cookery or grilling

OTHER EXHIBITS
LEVEL TWO (AGES 9-11)
25. Educational poster illustrating a place setting for a specific occasion or menu

LEVEL THREE (AGES 12-14)
26. Educational display based on a breakfast bread buffet theme. Should include menu, buffet layout, decorations, invitations, and any additional information

LEVEL FOUR (AGES 15 AND OVER)
27. Educational poster based on careers in the food industry

SECTION 309 – 4-H PERSONAL DEVELOPMENT

- All new categories for Personal Development and Leadership were implemented in 2017. All curriculum for Personal Development are posted on the Oklahoma 4-H Literature Online website at: http://4h.okstate.edu/literature-links/lit-online/leadership-personal-development/personal-development/personal-development-resources

- Picture Perfect YOUth curriculum and Leader Guide – This new curriculum provides specific lessons in each level of the curriculum (beginner, intermediate and advanced) with fair project instructions. On the table of contents of each project manual, lessons with fair projects are noted with a blue ribbon icon. The score sheet for evaluating fair projects are included in all manuals and leader guide.

- Heritage Scrapbook Classes – The Heritage Scrapbook project also has a new curriculum. It is posted on the link provided above. This manual provides specific activities for each age division (beginner, intermediate, advanced). Specific activities are required for each age division and other activities are optional. The Heritage Scrapbook should grow each year! All instructions for completing the Heritage Scrapbook are provided in each activity in the Heritage Scrapbook manual. The score sheet for evaluating the Heritage Scrapbook is included in the manual and Picture Perfect YOUth Leader Guide. Please note that instructions for activities in the Heritage Scrapbook are in BOLD in each lesson. Make sure you refer to the score sheets to double check that all requires information is included in the scrapbook for each activity.

- Scrapbooking Classes – The 4-H Scrapbooking project has a specific curriculum which teaches youth the basics of scrapbooking. The manual is posted on the website link above. Youth are encouraged to go through these six lessons before beginning a scrapbooking project. The score sheet for evaluating the Scrapbooking classes is provided in the 4-H Scrapbooking manual.

- Posters and educational displays should follow the guidelines on page 2 of the Oklahoma State Fair rule book unless different instructions are provided in the project manual.

- A county may enter one exhibit in each class. Individual 4-H members can enter one exhibit in each class. **All exhibitors must be at least 8 years old in 3rd grade by September 1 to exhibit.**

- Ribbons will be placed on the top ten (10) in each class.

- Premiums will be paid on the top three in each class as follows: $7, $5, $3

Beginner Level (ages 8*-11)
All exhibits must illustrate applications and utilize electrical energy. The exhibit must have been constructed by the exhibitor during the year exhibited and must meet electrical safety standards. All exhibits, except lamps, will be judged on electrical wiring and connections, electrical components, usefulness of exhibit, working condition, complexity and design, appearance, originality, workmanship and safety. Lamps will be judged as described for each class. A 4-H member can have only one (1) exhibit in each class. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit. Exhibits should be permanently signed and dated on the bottom or in another inconspicuous location. If not marked, judges may mark or punch. Ribbons will be placed on top ten (10) in each class. Only 1st-5th place exhibits will be displayed or as space allows. Premiums will be paid on the top three in each class as follows: 1st-$7, 2nd-$5, 3rd-$3.

**CLASS**

1. **Electrical projects (ages 8*-11)** - Entries to include electromagnets, motors, buzzers and direct current circuit boards
2. **Kit Lamps (Kit Construction) -(all ages)** - Electrical wiring and connections, light source, and suitability as a reading lamp will be judged. Lamps can be floor, desk, or wall models.
3. **Original Lamps -(all ages)** - Originality, workmanship, electrical wiring and connections, light source, and suitability as a reading lamp will be judged. Lamps can be floor, desk, or wall models. (No kits.)
4. **Rewired Lamp -(all ages)** - Workmanship, craftsmanship and electrical wiring and connections will be judged. The lamp will not be judged as a reading lamp.
5. **Electric and Electronic Circuits -(ages 8*-11)** - The exhibit should be mounted on a board and clearly show all circuits. The exhibit should be operational and demonstrate a useful principle or be functional. The exhibit should include an explanation of the principal being demonstrated.
6. **Electric and Electronic Circuits -(ages 12 and over)** - The exhibit should be mounted on a board and clearly show all circuits. The exhibit should be operational and demonstrate a useful principle or be functional. The exhibit should include an explanation of the principal being demonstrated.
7. **Exhibit -(ages 12 and over)** - Exhibit demonstrating skill or knowledge such as wire sizing; proper wiring of an electrical cord plug, wall outlet, wall switch, 3-way switch, etc. The exhibit should include an explanation of the principal being demonstrated.
8. **Exhibit -(ages 12 and over)** - Exhibit of wiring diagram for a home, other building, or electric supply system for a community.
9. **Electric Concepts Poster -(ages 8*-11)** - Poster (14" x 22") Exhibit showing a basic electric concept or explaining the proper use of electricity in modern life.
10. **Electronics/Lighting Selection Poster -(ages 12 and older)** - Poster (14" x 22"). Exhibit is on information that consumers might use in making a selection of any electronic devices such as computers, games, telephones, lighting fixtures, bulbs or other electronic device.

**SECTION 312 - 4-H MODEL ROCKETRY**

Posters must be 14" x 22". Exhibitors are encouraged to heat laminate all posters or cover them with clear plastic film. Display boards should be limited to a maximum of 2' x 3' and must have a single 1/4" hole drilled at the top center of board to allow for display. NO LIVE ROCKET ENGINES WILL BE ALLOWED IN ANY EXHIBIT. Text of posters and displays should be readable from at least 10 ft. away. *Homemade rockets could be dangerous to fly. Model rockets, posters and displays should be permanently signed and dated in an inconspicuous location. If not marked the judging committee may mark or punch exhibit.

Attach a 3"x5" index card attached to the rocket, explaining:
- Construction material, how constructed, and goal of project
- Year in project
- Age of member
- Whether or not made from kit
- Other pertinent information

A county can enter only one exhibit in each class. 4-H members can enter only one exhibit in each class. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit. Ribbons will be placed on top ten (10) in each class. Only 1st-5th place exhibits will be displayed or as space allows. Premiums will be paid on the top three in each class. 1st-$7, 2nd-$5, 3rd-$3.

**Junior Division (ages 8*-13)**
1. Poster showing the parts of a model rocket, with an explanation of the purpose of each part
2. Poster explaining the function of the model rocket engine
3. Poster showing one or more points from model rocketry safety code.
4. Model Rocket made from a kit. Must be safe and functional for flight.
5. Model Rocket designed and built by exhibitor. Must be safe and functional for flight.
6. Poster on any other topic pertaining to model rocketry project

**Senior Division (ages 14 and older)**
7. Poster or display showing the parts of a model rocket, with an explanation of the purpose of each part
8. Poster or display explaining the function of the model rocket engine
9. Poster or display showing one or more points from model rocketry safety code
10. Model Rocket made from a kit. Must be safe and functional for flight
11. Model Rocket designed and built by exhibitor. Must be safe and functional for flight.

**SECTION 313 - 4-H WOOD SCIENCE AND INDUSTRIAL ARTS**

The wood science exhibits should demonstrate a project experience, which emphasizes the development of woodworking skills such as: sawing, sanding, planning, alignment of joints, neat use of fasteners (nails, screws, etc.), and careful application of finishes. Judging will focus on the evidence of these skills. These exhibits will consist of articles made by 4-H Club members the past year. The project is not limited to current project ideas. It must be proportional and functional and include the same techniques as the listed classes. Miscellaneous and refinished class items should be similar in size to the exhibits in the classes listed for the age division. 4-H member can enter only one exhibit per class and is restricted to exhibits designed for his or her age group. A county may enter one (1) exhibit in each class. Wood Science exhibits should be permanently signed and dated in an inconspicuous location. If not marked, judge may
7. HUNTING AND WILDLIFE: any related item made (May include tanned hides, dried and mounted wings, cleaned skulls or other wildlife parts preserved by the 4-H member. Full taxidermy style mounts will not be accepted due to limited space.)
8. LIVING HISTORY: any related item made.
9. SHOOTING SPORTS SAFETY: any related item made
10. ARCHERY: any related item made
11. AIR PISTOL: any related item made
12. AIR RIFLE: any related item made
13. .22 PISTOL: any related item made
14. .22 RIFLE: any related item made
15. SHOTGUN: any related item made
16. MUZZLELOADING: any related item made
17. HUNTING AND WILDLIFE: any related item made (May include tanned hides, dried and mounted wings, cleaned skulls or other wildlife parts preserved by the 4-H member. Full taxidermy style mounts will not be accepted due to limited space.)
18. LIVING HISTORY: any related item made

SECTION 315 - ENTOMOLOGY - 4-H INSECT EXHIBITS

The exhibits in entomology are planned to be progressively more difficult. The specific age of exhibitor does not appear in the entomology section for this reason. Refer to 4-H entomology member guides 1-6 for more detail regarding fair exhibits. Note: Fair book exhibit list overrides member guides. A 4-H member may enter only one insect exhibit in entomology (first year through fifth year). Exhibits in the first through the fifth year are allowed a maximum of five (5) foreign and/or out-of-state collected insects (no restrictions on self-determined exhibit). All exhibits must be at least 5 years old and in 3rd grade by September 1 to exhibit. All insects must be mounted on standard insect pins which can be purchased from the State 4-H Office. Each insect should be identified by their common name using the correct spelling. A typed master list indicating the scientific order and common name of each specimen should accompany the display. The master list document is located at http://4h.okstate.edu/events-and-activities/oklahoma-state-fairs. In addition, a pinned mothball should be included to preserve the specimens. Exhibits for classes 1-5 are allowed a maximum of five (5) foreign and/or out-of-state collected insects. Exhibits in Classes 2-5 must be in insect display boxes measuring 19" x 16.5" x 3". This is the size of a Cornell University Drawer. These boxes can be purchased at http://www.bioquip.com/search/DispProduct.asp?pid=1012AM or made using the pattern available at http://4h.okstate.edu/events-and-activities/oklahoma-state-fairs. Boxes that are not this size will be DISQUALIFIED. At least one third of the specimens in any collection must have been collected during the current project year. Information regarding Insect Collection can be found at http://entoweek.okstate.edu/4H-FFA/

Ribbons will be placed on the top ten (10) in each class. Only 1st-5th place exhibits will be displayed or as space allows. Premiums will be paid as follows:

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Specifications for the insect box are available online at http://4h.okstate.edu/events-and-activities/oklahoma-state-fairs
1. **First Year**: The exhibit shall consist of 25 adult insects (representing at least 5 orders) which are displayed in a Folding Insect Storage Box 9" x 13" x 2.5". This box can be purchased in bulk at http://www.bioquip.com/search/DispProduct.asp?pid=1002F or individually from the State 4-H Office. Cover with plastic wrap or rigid plastic. Nine and ten year old exhibitors entering class one may be allowed to enter class one a second year, if the exhibit did not place in the top five at the State Fair the previous year, as long as modifications are made to the exhibit. Premium (A)
2. **Second Year**: The second year exhibit shall consist of 40 adult insects (representing 8 to 10 orders) which are displayed in the insect display box as indicated above. Premium (B)
3. **Third Year**: The third year exhibit shall consist of 50 adult insects (representing 10 to 12 orders) which are displayed in the insect display box as indicated above. Premium (B)
4. **Fourth Year**: The fourth year exhibit shall consist of 75 adult insects (representing 12 to 14 orders) which are displayed in the insect display box as indicated above. Premium (C)
5. **Fifth Year and Beyond**: The exhibit shall consist of 100 adult insects (representing 14 to 18 orders) which are displayed in the insect display box as indicated above. There is no limit on the number of years this class may be entered, if exhibit has additions or major modifications. Premium (C)
6. **Self-Determined Entomology Exhibit**: Designed to allow exhibitors to prepare displays indicating expanded interest beyond the requirements of collections exhibited in previous years. Exhibits should be of an educational nature, attractive in design, and easy to understand. A written report explaining the nature or purpose of the project must accompany the exhibit. Participants in this class are also allowed to have an entry in one of the first through fifth year classes. There is no limit on the number of years that one can enter the advanced classes. Exhibitors can continue to exhibit in the self-determined class as long as new exhibits are entered or if major revisions are made on a previous exhibit. Premium (D)

**4-H HONEY EXHIBIT**

Only one exhibit allowed in each class per individual.
Honey should be placed in colorless one-pint honey jars or standard, colorless one-pint fruit jars, such as those made by Kerr, Ball, Mason, etc. Other types of jars will be rejected. The jar covers should be new, if possible, and screwed on tightly, thus preventing leakage. There should be 1/4"-1/2" of air space below the lid.
Honey should be clear and free from foreign particles.
Chunk Honey should be perfectly capped, free from stains, bee-bread and fingerprints. Edges should be clean-cut, not ragged. One
Tulsa State Fair, September 27 – October 7, 2018

4. Poster on well site safety.
5. Energy/Petroleum Display. Subject of the display should be petroleum products; different types of energy and how they work; or different careers in energy.
6. Energy/Petroleum Science Experimental Display (Science-Fair type). 4-H members are encouraged to (a.) use their 4-H projects as the basis for their scientific research and discovery; (b.) use the scientific method to gain an understanding of how things work and the variables that affect them; (c.) take an open and creative approach to problem solving; (d.) learn that a successful outcome is based not on personal opinion but on scientific fact; (e.) use written and visual communication skills.

Intermediate Division (Ages 13-14)
7. Photography Exhibit over a state park or geological region (not limited to Oklahoma). Four photos mounted on 14" x 14" poster board with detailed explanations and information.
8. Poster on Water Mineral Issue. Subject of poster should be one of the following:
   - What water hardness and mineral testing can determine.
   - Secondary recovery methods.
   - Dangers of lead in the water.
9. Energy or Petroleum Science Experimental Display (Science-Fair type). 4-H members are encouraged to (a.) use their 4-H projects as the basis for their scientific research and discovery; (b.) use the scientific method to gain an understanding of how things work and the variables that affect them; (c.) take an open and creative approach to problem solving; (d.) learn that a successful outcome is based not on personal opinion but on scientific fact; (e.) use written and visual communication skills.

Senior Division (Ages 15 and over)
10. Poster of a press release; collected about the energy information and your interpretation; possibly the Energy Index or other Topic.
11. Energy or Petroleum Display. Subject of the display should be areas of the Oklahoma Energy Index; different drilling techniques and how they work; or careers in the energy industry.
12. Energy or Petroleum Science Experimental Display (Science-Fair type). 4-H members are encouraged to (a.) use their 4-H projects as the basis for their scientific research and discovery; (b.) use the scientific method to gain an understanding of how things work and the variables that affect them; (c.) take an open and creative approach to problem solving; (d.) learn that a successful outcome is based not on personal opinion but on scientific fact; and (e.) use written and visual communication skills.

SECTION 318 - 4-H WILDLIFE PROJECTS

Only one exhibit allowed in each class per individual in their respective age category. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit. All exhibits will be judged on the basis of instructions and standards explained in the "4-H Project Wildlife Exhibit Preparation Guidelines (#720 revised 12/06). This and other publications listed below are available at the County Extension Office or at http://4h.okstate.edu/literature-links/lit-online/environmental-science/wildlife-and-fisheries

Self-Determined Exhibits: To encourage members to develop their own learning projects, a self-determined exhibit class is included in each category. For ideas and guidelines for exhibits, please see 4-H publication #721 "4-H Wildlife Self-Determined Projects (revised 12/06)

All posters, maps and wildlife displays must be properly signed and dated on the back. If not marked the judging committee may mark or punch. Text of posters and educational displays should be readable from at least 10 ft away. All exhibits on boards must have hangers. Eye screws and wire preferred. No saw-toothed hangers. Ribbons will be placed on the top 10 in each class. Only 1st-5th place exhibits will be displayed or as space allows. Premiums will be paid on the top three in each class as follows: 1st - $7, 2nd - $5, 3rd - $3.

OKLAHOMA WILDLIFE

Exhibits entered in this section should relate to a specific category of game or non-game animals or birds.

Junior (ages 8-13)
1. (A) A collection of fifteen (15) different kinds of plants, trees or shrubs known to provide food or cover for wildlife, mounted on food and cover cards (B) a seed board with fifteen (15) different kinds of seeds eaten by wildlife. (See 4-H Lit. #720 updated 12/06). No more than four (4) varieties may be cultivated crops. All of the specimens must have been collected during the current project year. For each plant or seed included list one (1) wildlife species that use that plant or seed (on the cover card or board). All plant species must be native to Oklahoma except that up to four (4) of the plants (or seeds) may be from cultivated crops.
2. Scrapbook of Oklahoma Wildlife (cutouts, pictures or drawings) of at least five (5) mammals, five (5) birds and five (5) reptiles or amphibians. Give common name and what habitat they can be found in., Common names should be specific (i.e. black rat snake, pygmy rattlesnake, etc.)
3. Exhibit of the tracks of eight (8) wild animals or birds commonly found in Oklahoma. POSITIVE plaster casts should be mounted on masonite or plywood, not to exceed 12" x 24". Label each track with kind of animal or bird, which county track was found in, what habitat it was found in and what date the track was cast. See 4-H Lit. #473 Animal Tracks for more instructions and details.
4. Self-Determined Exhibit. Posters must be 14" x 22". Displays must not exceed 3' X 3'. (width x depth). Possible examples include...
4-H WILDFLOWER STUDY

At least one-third of the specimens must have been collected during the current project year. See information on pressing plants in "Leaf Pressing and Collecting Hints" 4-H Publication No. 237 (Revised 04/04) to prepare plants for collections and exhibits. Posters should be hand generated and not down loaded from internet or computer. "Wildflower Card" (OK 4-H Lit. #718) can be downloaded from OK 4-H Lit. On-Line under Wildlife & Fisheries. http://4h.okstate.edu/literature-links/lit-onl/environmenal-science/wildlifeand-fisheries Please print form on card stock or heavy paper and hole punch.

Junior (ages 8*-13)

25. Collection of eighteen (18) Oklahoma wildflowers properly pressed and mounted on wildflower cards. Label with common name, flower family and tell location and date collected. Display in a notebook.

26. Drawing or diagram showing parts of a wildflower blossom, not to exceed 8 1/2" x 11".

27. Self-Determined Poster (14" x 22"). See "Self Determined" 4-H Wildlife & Fisheries Project Ideas" Oklahoma 4-H Pub. #721 (revised 12/06) for ideas and 4-H Wildlife Project Lit No. 720 "Exhibit Preparation Guidelines Leaders/Members Guide" (revised 12/06) for guidelines.

28. Display two (2) principle wildflower families showing four (4) or more pressed flowers of each family labeled with common name. A brief description of each flower family should be included. If poster must be 14" x 22" or display in a notebook.

29. Make a collection, mount and press, the leaves of plants showing leaf arrangements (opposite, alternate and whorled); types of leaves (simple, pinnately compound, palmately compound); leaf margins (toothed, smooth and lobed). If poster must be 14" x 22" or display in notebook on card stock pages or wildflower cards (Lit # 718).

Senior (ages 14-18)

30. Collection of twenty five (25) Oklahoma wildflowers properly pressed and mounted on wildflower cards. Label with common name, scientific name, flower family, location collected, date collected and habitat collected from. Display in a notebook.

31. Make a collection and mount for display at least fifteen (15) kinds of wild flower seed that show various adaptations to dispersal by wind, water, birds and mammals.

32. Special collections. Collection of specimens in some special category, i.e. one (1) family, poisonous, dyes, edibles or specific season such as early spring. If poster must be 14" x 22" or displayed in a notebook on card stock pages or wildflower cards (Lit # 718).

33. Self-Determined Exhibit. If poster must be 14' X 22". Display must not exceed 3' X 3' (depth x height). See "Self-Determined 4-H Wildlife & Fisheries Project Ideas" Oklahoma 4-H Pub. #721 (revised 12/06) for ideas. See 4-H Wildlife Project Lit No. 720 "Exhibit Preparation Guidelines Leaders/Member Guide" (revised 12/06) for guidelines.

SECTION 319 – 4-H ENVIRONMENTAL STEWARDSHIP

A 4-H member may enter one exhibit per class, but is restricted to those exhibits designed for his or her age group. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit. Exhibits will be judged based on the criteria outlined in the 4-H project fact sheets available from the County Extension Office. Text of posters should be readable at least 10 ft. away. Include references for information. At least one reference must be from a source other than the internet. Posters must not be printed directly from the internet this is plagiarism. Each piece of exhibits containing more than one item must be labeled with exhibitor’s name and county. Posters must be signed and dated on the back. Publications listed in this section can be found at http://4h.okstate.edu/literature-links/lit-onl/environmental-science/environmental-science

Ribbons will be placed on the top ten in each class. Only 1st-5th place exhibits will be displayed or as space allows. Premiums will be paid on the top three in each class as follows: 1st - $7, 2nd - $5, 3rd - $3.

1. Vermi Composting (with Worms) (ages 8*-13)

Compost sample and poster that explains how to compost with worms. Must include report for one or more of the following areas: bins for vermi composting, feeding and care, moisture requirements, harvesting compost. Poster must be on 14" x 22" poster board and must include a photograph of your compost bin. One pint of compost (worm castings) in a sandwich-size zip-lock bag or pint jar with lid must be included.

2. Exploring Streams and Lakes Poster (ages 8*-13)

Poster (14" x 22") with photos showing a stream, lake or pond you have visited. Photos should show things like shorelines or creek banks, appearance of the water, condition of vegetation on the shore or banks, and problem areas such as erosion, trash or obvious pollution. For more ideas read Lit. #19, "Water Quality of Streams and Lakes" Related report form is #20. Each photo must have a caption explaining what it shows. Overall, the poster should tell what you think is helping or harming the water or the plants and animals that live there. Members entering this project for 2nd or 3rd year should compare changes over time or season. Poster title should include name of water body, if it has one, and town or county where located.

3. Water Critters (ages 8*-13)

Display a collection of pond, lake or stream critters (invertebrates only - no animals with backbones e.g. fish or frogs) preserved in one to three baby food jars with rubbing alcohol as described in Lit. #21 "Aquatic Organism". Securely attach a completed Critter ID bookmark (Lit. # 29 "Stream and Lake Critter Identification") to the jar using tape and a string around the jar neck. Do not include more than one of each type of critter. Collect only critters found on or in the water, not adult flies. Write a short paragraph telling about the
19. Individual Self-Directed Environmental Stewardship Project (all ages)
   Educational report, display or exhibit on the efforts of the member to protect or improve the environment in or near his/her community. Projects may include topics such as protecting water quality, recycling, illegal dumping, household hazardous wastes, reducing soil erosion on farmland, controlling urban runoff or other topics relevant to the community. Project may include: (1) Hands-on efforts (such as controlling erosion by tree planting or use of buffer strips), (2) Educational programs conducted in the community, including numbers reached and newspaper clippings (such as minimizing solid waste), or (3) A combination of hands-on and educational.

SECTION 320 – 4-H CROPS
All crops exhibits must be grown by the exhibitor as part of a 4-H project during the year exhibited. Only one exhibit allowed in each class per individual. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit. Grain may not be returned to the exhibitor except for the following legumes: alfalfa, sweet clover and vetch. Grain and seed exhibits should be brought and will be exhibited in one gallon clear jars (plastic or glass) with a lid. Alfalfa and small seeded legumes can substitute 3/4 gallon clear jars. Exhibits of bolls of cotton, ears of corn, or heads of grain sorghum should be brought and exhibited in a small shallow, wooden, plastic, or cardboard box of appropriate size for the respective exhibit.
Ribbons will be placed on the top ten in each class. Only 1st-5th place exhibits will be displayed or as space allows.
Premiums will be paid as follows: 1st $7 2nd $5 3rd $3 4th $2 5th $1

4-H COTTON EXHIBIT — (20 Open Bolls)
Exhibit to be shown with petiole attached, bract leaves removed and burr side up.

1. Any Variety ..........................................................  (Premium A)

4-H CORN EXHIBIT — (10 ears)

2. Corn Ears ..........................................................  (Premium A)

4-H GRAIN SORGHUM EXHIBIT — (10 Heads)
Exhibit to be trimmed with 2 1/2 inches of peduncle left on the head.

3. Grain Sorghum ...................................................... (Premium A)

4. 4-H THRESHED GRAIN SORGHUM EXHIBIT — (15 Pounds Grain)

5. Grain Sorghum ...................................................... (Premium A)

4-H CANOLA EXHIBIT — (15 Pounds Grain)

6. Canola .............................................................. (Premium A)

4-H SMALL GRAIN EXHIBIT
All exhibits of wheat must be labeled as to specific variety or name of hybrid. Small grain exhibit shall be approximately one peck.
Please refer to the Oklahoma Cooperative Extension Fact Sheet PSS-2168 Maturity Classification of Wheat Varieties http://wheat.okstate.edu/wheat-management/varieties/PSS-2168.pdf for suggested varieties.

6. Very Early and Early Maturity Hard Red Wheat Varieties ..........................................................  (Premium A)
7. Medium Maturity Hard Red Wheat Varieties ..........................................................  (Premium A)
8. Late and Very Late Maturity Hard Red Wheat Varieties ..........................................................  (Premium A)
9. Hard White Winter Wheat Varieties ..........................................................  (Premium A)
10. Any other wheat variety including Hard White Varieties and Soft Red Varieties ..........................................................  (Premium A)
11. Oats, any variety ..........................................................  (Premium A)
12. Rye, any variety ..........................................................  (Premium A)
13. Barley, any variety ..........................................................  (Premium A)

4-H LEGUME SEED EXHIBIT

14. Alfalfa (2 quarts) ..........................................................  (Premium A)
15. Other small seeded legumes, such as vetch, sweet clover, etc. (2 quarts) ..........................................................  (Premium A)
16. Soybeans (1 peck) ..........................................................  (Premium A)
17. Other large seeded legumes, such as cowpeas, mung beans, winter peas, etc. (1 peck) ..........................................................  (Premium A)
18. Peanuts, any type/variety (1 peck) ..........................................................  (Premium A)

PEANUT INFORMATION EXHIBIT
Eligibility: Any 4-H member interested in learning more about peanuts and the peanut industry may prepare an exhibit.
The exhibit shall consist of an educational exhibit that will fit a 3' wide x 3' deep. Must be free-standing with sides attached. A 4-H notebook should be included in the display. Each county may have one exhibit in each class. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit. The exhibit should provide information about one phase of the peanut industry such as history, use, production, processing, or importance. Exhibit should increase the public awareness of the importance and impact of the specific sector of the peanut industry selected. The notebook should include any involvement the exhibitor has had with peanuts, such as teaching others, giving talks or demonstrations, preparing peanut foods, planning programs, producing peanuts, etc. The notebook may be typed or handwritten and should include pictures.
Criteria for judging: 30 points — Completeness of education lesson, 30 points — Public appeal, 40 points — Notebook.
Ribbons will be placed on the top ten (10) in each class.

19. Junior Division (1st, 2nd & 3rd yrs.) (Ages 8-13) ..........................................................  (Premium B)
20. Senior Division (4th yr. and above) (Ages 14 and over) ..........................................................  (Premium B)

CROPS IN OUR LIVES POSTER EXHIBIT
Poster must be 14"x22" and must be permanently signed and dated on the back prior to laminating. Judging committee may mark or punch if not marked. Text of posters should be readable from at least 10 ft away. Ribbons will be placed on the top ten in each class.
28. Yellow apples, plate of five
29. Pears, plate of five

HOME GARDEN FOOD BASKET

This exhibit is a quality selection of five to nine species of mature fruits and/or vegetables from the exhibit list above, items not listed can be used but should not be more than a third of the species utilized. Amounts of fruits and vegetables in this exhibit should be such that they can be arranged in a neat and orderly manner and have good eye appeal. There must be enough of each fruit and vegetable for the judge to determine quality. All fruits and vegetables exhibited must be grown by the exhibitor.

No specimens in this exhibit may be entered in another class. Any combination of fruits and vegetables may be used, with the exception of cantaloupe.

The exhibit must be in a container such as a basket or box.

One-third (1/3) of the judging will be on how well the exhibit is prepared and presented. Packing such as paper, straw or cloth may be used but the fruits and vegetables should be the main attraction of the exhibit. No artificial plant materials or specimens can be utilized as part of the exhibit.

30. Junior Division, (ages 8*-13)
31. Senior Division, (ages 14 and over)

SECTION 323 - 4-H HOME GROUNDS

Only one (1) exhibit allowed in each class per individual. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit. However, counties may have more than one exhibit per class.

EXHIBIT UNIT I - LANDSCAPING HOME GROUNDS

"Before and After" pictures not to exceed 5" x 7" of yard clean-up, plantings or construction of landscape elements mounted securely on one 14" x 22" sheet of poster board shall constitute this exhibit. Number of pictures should be no less than two nor greater than eight. Posters must be permanently signed and dated on the back.

Neatness and arrangement of pictures is important. A brief explanation of the project should be attached to the exhibit, and each picture must be labeled. The before and after pictures should show a definite change and should be taken from the same place so judges can evaluate the change. An exhibit should not be entered more than once unless it has been substantially revised.

Ribbons will be placed on the top ten (10) in each class. Only 1st-5th place exhibits will be displayed as space allows.

Premiums will be paid in each class as follows: 1st $7, 2nd $5, 3rd $3, 4th $4, 5th $3

1. Junior-(Ages 8*-13) ................................................................. (Premium A)
2. Senior-(Ages 14 and over) ......................................................... (Premium A)

EXHIBIT UNIT II - HERBARIUM CARD

These exhibits shall consist of dried and pressed specimens of leaves and other specified parts of native or cultivated trees, vines and/or shrubs. Each leaf specimen should be mounted on a separate 8" x 10" herbarium card available at your County Extension Centers or at http://4h.okstate.edu/literature-links/lit-online/plant-science-entomology/plant. Only the information required in your division should be filled out. The cards should be enclosed in a notebook or binder. Each specimen should be covered with transparent plastic or similar covering to protect it from damage. No leaf should be more than 3 years old and at least one-third of the specimens must have been collected during the current project year. Instructions for collecting and pressing are available in the OSU Extension Center.

3. Ages 8*-11
   A collection of 15 specimens with the following information:
   (1) common name, (2) general class, (3) kind of plant ........................................... (Premium B)

4. Ages 12-14
   A collection of 25 specimens with a pressed flower, or fruit or seed included with each specimen.
   Information on the card to be filled out is (1) common name, (2) general class, (3) kind of plant,
   (4) form, (5) color, (6) exposure. ................................................................. (Premium B)

5. Ages 15 and over
   A collection of 30 specimens with a pressed flower, fruit or seed included with each specimen.
   All information on the card should be filled out ................................................................. (Premium B)

EXHIBIT UNIT III - GROUP OR CLUB EXHIBIT

6. The exhibit to consist of landscape or environmental beautification project report on a project such as a home grounds, school, community center, church, city or roadside park, highway beautification, clean-up campaign, etc. ................................................................. (Premium B)

A group is to consist of 3 or more 4-H members under supervision of 4-H leaders. All projects must employ horticulture material for the purpose of conserving natural beauty of an area or improving the aesthetic quality and/or function of an area. Other material such as concrete walks, benches, etc. may be used in addition to the horticulture material.

Judging Criteria:
A. A brief project description and statement of purpose and objectives.
B. Creativity demonstrated and quality of the project.
   • Extent to which plan integrates total needs of area, short and long term.
   • Functional use and aesthetic considerations of horticultural materials and techniques
   • Operational considerations of expenses encountered, resource personnel contacted and maintenance factors.
   • "Before and After" photographic sequence to illustrate effectiveness of the project.
C. A brief summary of project activities, extent to which objectives were achieved, knowledge gained, and the particular significance of the project toward the improvement and beautification of your environment.

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Model cold frame or hoop house — mounted on a piece of painted plywood no larger than 12” x 12”. Must include an explanation of the purpose of the structure, examples of potential uses, correct orientation in the landscape, and materials necessary in its construction. Explanation should be typed or handwritten on a laminated piece of white paper no larger than 8.5” x 11” and be securely attached to the model. Ribbons will be placed on the top ten in each class. Premiums will be paid on the top three in each class as follows: 1st - $7, 2nd - $5, 3rd - $3

Class
13. Ages 8*-11
14. Ages 12-14
15. Ages 15 and over

Model vegetable garden — mounted on a piece of painted plywood no larger than 12” x 12”. Must include at least 5 different vegetables, show appropriate orientation (identify ‘north’), and appropriate spacing of plants. Must include an explanation of the layout of the garden, the spacing requirements of the selected plants, the dates each chosen vegetable would be planted/harvested, and any support structures (tassels, cages, etc.) necessary. The explanation should be typed or handwritten on a laminated piece of white paper no larger than 8.5” x 11” and be securely attached to the model. All pieces of the model must be handmade (no store bought fences, mini vegetables, etc.). Ribbons will be placed on the top ten in each class. Premiums will be paid on the top three in each class as follows: 1st - $7, 2nd - $5, 3rd - $3

Class
16. Ages 8*-11
17. Ages 12-14
18. Ages 15 and over

PECAN INFORMATION EXHIBIT

Eligibility: Any 4-H member interested in learning more about pecans and the pecan industry may prepare an exhibit. The exhibit shall consist of an educational exhibit that will fit a 3’ wide x 3’ deep area. It must be free-standing with sides attached. A notebook should be included in the display. Each county may have one exhibit in each class. The exhibit should provide information about the pecan industry such as history, importance to state, health benefits & nutrition, uses, production, processing, storage requirements or other topics pertaining to pecans. The exhibit should increase the public awareness of the importance and impact of the specific sector of the pecan industry. The notebook should include any involvement the exhibitor has had with teaching others, giving talks or demonstrations, preparing pecan foods, planning programs, producing pecans, field trips, etc. The notebook may be typed or handwritten and should include pictures. Awards furnished by the Oklahoma Pecan Growers Association. 1st place entries should be available to display at annual OPGA meeting in June the following summer. Criteria for judging: 30 points completeness of educational lesson; 30 points public appeal; 40 points notebook. Ribbons will be placed on the top ten (10) in each class.

19. Jr. Division (ages 8*-13) $40 $30 $20 $10 $10
20. Sr. Division (ages 14 and over) $40 $30 $20 $10 $10

SECTION 325 - 4-H COMPANION ANIMALS

• All companion Animal exhibits should focus on one of the following: 1) Animal Health and/or Nutrition 2) Good Husbandry and/or Grooming 3) Training and/or showing 4) Service and/or Citizenship.
• Companion animals refer to animals utilized as household pets, not livestock or wildlife. In cases of animals (i.e. rabbits, turtles, etc.) that can be represented as a companion or a non-companion animal projects it will be up to the 4-H member to make sure that their entry represents companionship.
• The 4-H member’s name, age, and county must be included attached to the exhibit. Exhibits deemed to be inappropriate will not be displayed. All exhibitors must be at least 8 years old AND in 3rd grade by September 1 to exhibit.
• If you use text, pictures, drawings, artwork, or other information not created by you in your exhibit you must cite the source. See “Copy written material and referencing sources” section at opening of 4-H Division.
• When using the official clover with H’s, the tail should curve to the right and the words 18u.s.c. 707 must appear under the lower right leaflet, except if hand drawn clover.
Ribbons will be placed on the top ten (10) in each class. Only 1st - 5th place exhibits will be displayed or as space allows. Premiums will be paid on the top three in each class as follows: 1st - $7, 2nd - $5, 3rd - $3.

Companion Animal Poster illustrating one of the following 1) Animal Health and/or Nutrition 2) Good Husbandry and/or Grooming 3) Training and/or showing 4) Service and/or Citizenship. Posters must be 14” x 22”. For display purposes, exhibitors are encouraged to laminate all posters or cover them with clear plastic film. Posters must be permanently signed and dated on the back. If not marked the judging committee may mark or punch. Posters may be horizontal or vertical. Text of posters should be readable from at least 10 ft. away.

01. Jr. (ages 8*-13)
02. Sr. (ages 14 and over)

Companion Animal Display illustrating one of the following 1) Animal Health and/or Nutrition 2) Good Husbandry and/or Grooming 3) Training and/or showing 4) Service and/or Citizenship. Space for the booth is 3ft deep and 4ft wide (with sides extended for display.) Back can be 4ft high. Display must be free-standing. Models, photographs, posters or other means for display may be used. Display may be prepared by an individual or group from a county. Exhibit must prominently display a 4-H clover or mention 4-H.

03. Jr. (ages 8*-13)
04. Sr. (ages 14 and over)

Companion Animal Photo Story Board illustrating one of the following 1) Animal Health and/or Nutrition 2) Good Husbandry and/or Grooming 3) Training and/or showing 4) Service and/or Citizenship. Story Board should contain 4 to 6 photos attached to the surface of