

4-H

4-H & YOUTH DEVELOPMENT OKLAHOMA STATE UNIVERSITY COOPERATIVE EXTENSION SERVICE

- ✓ 4-H Club work in Oklahoma was first exhibited at the State Fair in 1910, which makes this the 100th year of 4-H involvement. The Fair exhibits have been an important part of the 4-H Youth Development Educational Program, allowing young people the incentive to achieve and then to be recognized for outstanding achievement.
- ✓ The major goal of 4-H is the individual development of youth in personal, leadership and positive citizenship skills expressed throughout life in the home, school, state, nationally and internationally.
- ✓ The 4-H exhibits and activities at the State Fair are planned to reflect the many phases of 4-H and the use of projects in the development of boys and girls. The public is invited to visit the 4-H exhibits to observe the accomplishments of 4-H youth.

ELIGIBILITY OF EXHIBITORS

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 except for dog obedience, which is 120 days, and who meet the requirements of rule #2.
2. Each county must enter and exhibit all members' entries in sections 4300-4325 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 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 as of Jan. 1 of the current calendar year.)
6. All exhibits must have been made 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. The exhibitor should refer to the entry summary information page for number of entries. For other pertinent information relative to project being exhibited, refer to specific sections, classes, and respective project literature.
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 them during the current year.

RESPONSIBILITY FOR ALL EXHIBITS

- ✓ 4-H exhibits at the Oklahoma State Fair or 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, Oklahoma State Fair/Tulsa State Fair, accepts exhibits and will exercise due care to protect them. However, neither the 4-H Program nor the Oklahoma State Fair or Tulsa State Fair can accept responsibility for loss or damage to any exhibit due to the conditions imposed by large crowds, the arrangement of 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.

DISPLAY OF 4-H EXHIBITS

- ✓ The 4-H superintendents reserve the right to display only 1st through 5th place exhibits or less as space allows.

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 name the actual source at the end or bottom of paper, poster or educational display following an asterisk 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 photographers, or from the internet with out 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. 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, freestanding backs with sides attached. This includes Sec. 4301 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.
- ✓ 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 Oklahoma State Fair or Tulsa State Fair, nor the 4-H Program can accept responsibility for loss of valuables. Potentially harmful products will be discarded. **Text of displays should be readable from at least 10 ft. 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 of posters should be readable from at least 10 ft. away.**

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 arts and crafts including fine art, ceramics, woodworking and woodcrafts, herbarium cards, seed boards, forestry exhibits and model rocketry. Judge or Judging Committee may permanently mark exhibit with fair and year (for example: OKC Fair 2009/TSF 2009), if not signed and dated. Effort will be made to mark it in an inconspicuous place.

REQUIRED TRADE MARK DESIGNATION FOR USE OF 4-H CLOVER

- ✓ 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.

ENTRY SUMMARY INFORMATION

- ✓ The following is a summary of the limitations for entries per county and individuals. This is included as a reference for counties in selecting exhibits for entry.

SECTION #	EXHIBIT	LIMIT/PER COUNTY	LIMIT/PER INDIVIDUAL
COMMUNICATION ARTS DIVISION			
4300	Poster Art	one per class	one per class
4301	Educational Display	one per class	one per class
4302	Photography	one per class	one per class
EXPRESSIVE ARTS DIVISION			
4303	Crafts	one per class	one per class
SCIENCE and TECHNOLOGY			
4304	Technology exhibits	no limit	one per class
4305	Science Discovery Projects	one per class	one per class
FAMILY LIVING DIVISION			
4306	Fabric & Fashions	one per class	one per class

4307	Childcare/ Baby-sitting	one per class	one per class
4308	Food Science Preparation and Preservation	one per class	one per class
	Posters & Ed Displays	one per class	one per class
4309	Personal Development	one per class	one per class

LEISURE EDUCATION DIVISION

4310	Postmark	no limit	one per class
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MECHANICAL SCIENCES DIVISION

4311	Electricity	two per class	one per class
4312	Model Rocketry	one per class	one per class
4313	Woodworking	two per class	one per class
4314	Shooting Sports	no limit	one per class

NATURAL SCIENCES DIVISION

4315	Entomology	no limit	one per class
4316	Forestry	no limit	one per class
4317	Geology	no limit	one per class
4318	Wildlife	two per class	one per class
4319	Environmental Stewardship	no limit	one per class

AGRONOMY DIVISION

4320	Crops	no limit	one per class
	Exhibit, which is limited to one per county per class	(Except for peanut information)	
4321	Forage Plants	no limit	one per class

HORTICULTURE DIVISION

4322	Home Gardening	no limit	one per class
4323	Home Grounds	one per class	one per class
4324	House Plants (Terrariums)	one per class	one per class

OKLAHOMA 4-H CENTENNIAL EXHIBITS

4327	4-H Member Exhibits	one per class	one per class
4327	4-H Alumni Division	5 top exhibits from division per county	

FORMS DUE

SECTION

DUE DATE & PLACE

Dog Trials Entry Form 4326 8/17-Mickey Simpson, PO Box 1505, Purcell, OK 73080-1505.

Judging Team Entry 4325

8/31-State Fair Office (Request for Tickets)
Sonya Gaver, Oklahoma State Fair, PO Box 74943, OKC 73147
 sgaver@okstatefair.com

COMMUNICATION ARTS DIVISION

SECTION 4300

4-H POSTER-ART EXHIBIT

GUIDELINES:

- ✓ Poster must be constructed on poster board 14" x 22" (1/2 of a poster board). They may be horizontal or vertical. Poster may be produced by any medium — watercolor, ink, crayon, acrylic, charcoal, collage, computer, etc. — Posters must be flat. Do not use three-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 problems involved.
- ✓ For display purposes, exhibitors are encouraged to laminate 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. Text of posters 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.
- ✓ The 4-H member's name, age, full address, and county should be on the back of the poster in the upper left hand corner.
- ✓ Ribbons will be placed on top ten in each class. Premiums will be paid on the top five places in each class as follows:
- ✓ **PREMIUMS: 1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- ✓ **NOTE: Posters 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.**

Beginner Division (ages 9-11)

Class

1. 4-H promotional poster designed to recruit 4-H members, volunteers, promote any 4-H event or promote any 4-H project including Competition Ethics.
2. Poster designed to promote 4-H and use the theme, "4-H: a community of young people across America learning leadership, citizenship and life skills" or a poster on the Oklahoma 4-H Centennial.
3. **Collage recognizing or documenting 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, promote any 4-H event or promote any 4-H project including Competition Ethics.
5. Poster designed to promote 4-H and use the theme, "4-H: a community of young people across America learning leadership, citizenship and life skills" or a poster on the Oklahoma 4-H Centennial.
6. **Collage recognizing or documenting Oklahoma 4-H history during one decade or the evolution of a particular 4-H project area over the decades**

Advance Division (ages 15 and over)

7. 4-H promotional poster designed to recruit 4-H members, volunteers, promote any 4-H event or promote any 4-H project including Competition Ethics.
8. Poster designed to promote 4-H and use the theme, "4-H: a community of young people across America learning leadership, citizenship and life skills" or a poster on the Oklahoma 4-H Centennial.
9. **Collage recognizing or documenting Oklahoma 4-H history during one decade or the evolution of a particular 4-H project area over the decades**

SECTION 4301 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 for 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 during the fall:
 - Promotion of a specific 4-H project
 - Member Recruitment
 - Community Service
 - The theme "4-H: a community of young people across America learning leadership, citizenship and life skills"
 - Promotion of Oklahoma 4-H Centennial

- ✓ **EXHIBIT MUST PROMINENTLY DISPLAY A 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 18U.S.C. 707 must appear under the lower right leaflet, except if hand drawn clovers.**
- ✓ Do not include valuables, food items that will spoil or potentially harmful products in any educational display. Neither the Oklahoma State Fair or 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 top ten (10) in this class.

Class

1. Educational Booth Display (other than community service or 4-H Centennial)
\$60 50 40 30 25 10 10 10 10 10
2. Community Service Booth Display – Sharing about a community service that 4-H member has done as an individual or lead a group in doing. Should include pictures, examples, and scope of projects. The impact on others will be an added criteria for judging. Project should be the extension of a 4-H project area.
\$30 25 20 15 10 5 5 5 5 5
3. ***“Oklahoma 4-H Centennial – 4-H through the Ages” (Display is to document one decade in Oklahoma 4-H or the evolution of a particular 4-H project area over the decades.)Must include the Oklahoma 4-H Centennial Logo.***
\$30 25 20 15 10 5 5 5 5 5
4. Sweepstakes (non entry class).....Banner

**SECTION 4302
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 Unit**, and may enter only one exhibit per class in that unit. Unit 1 is for members who have taken pictures for three years or less, Unit 2 is for those who have taken pictures for four to six years, and Unit 3 is for those who have taken pictures for more than six years. All ages within each unit are as of January 1 of the current calendar year.
- ✓ **DIGITAL PHOTOS may be entered. Manipulated or altered photos are not allowed in the 4-H Photography section, but may be entered in the 4-H Science and Technology section as photographic illustrations. Changes that can be made and still be entered in the photography section are color and contrast adjustments, cropping, gray scaling, exposure adjustments, and red eye reduction.**
- ✓ **PRINTS:** Black and white or color prints may be exhibited. Prints must be no smaller than 3.5” x 5” and no larger than 5” x 7” (except when panoramic prints are used) for all classes, except classes 5, 10, 14, 18, and 19-22 where prints may be up to 8” x 10”. **Prints should be printed on photo-quality paper (not copy paper). Print quality is taken into consideration by the Judges. Photos will be disqualified if in a frame.**
- ✓ **CAPTIONS:** Each print must have an individual caption. For classes 11-21, must include on back of board film speed, shutter speed, and aperture setting if the photo was taken with a camera allowing shutter speed or aperture setting to be changed.
- ✓ **BOARDS:** Prints must be securely attached to the surface of a white or a colored **foam core**, poster, or mat board. No double matting, use of multiple layers or more than one color. The entire print must be seen and cannot be masked in any way. Boards must be 10” x 10” or 14” x 14” for all classes, except classes 15-17 and 19-21 where boards must be 14” x 14”. If panoramic or 8 X 10 photos are used, adjust board size accordingly.
- ✓ **TITLE AND OTHER INFORMATION:** Each board must have a title. The back of each board must contain the exhibitor’s name, county and number of years in the 4-H photography project, along with the type of camera used (Instamatic, 35 mm, digital, etc.), whether the camera is adjustable or not and film speed or mega pixels.
- ✓ **AWARDS:** Ribbons will be placed on the top ten (10) in classes 1-24. Premiums will be paid on the top 5 places in classes 1-24 as follows: 1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1. One of the 1st place exhibits will be identified as the “Sweepstakes Photo - Best of Show” and will be awarded a sweepstakes banner.

PHOTOGRAPHY EXHIBITS

Unit 1: Adventures with Your Camera.

Junior Classes – Ages 9-13 (for members who have taken pictures for 3 years or less).

Class

1. **Four photos**, one from each of the following categories: people, animals, plant life and scenery.
2. **Four photos of people** doing different things, showing a variety of activities, camera angles and lighting choices.
3. **Four otherwise outstanding photos** showing common mistakes in picture taking. The caption for each print must correctly identify what is wrong and provide an appropriate solution to prevent the mistake.
4. **Series of 4 photos** telling a story or illustrating a single event.
5. **Best individual photo** made this year.

Senior Classes – Ages 14 and over (for members who have taken pictures for 3 years or less).

6. **Four photos**, one from each of the following categories: people, animals, plant life and scenery.
7. **Four photos of people** doing different things, showing a variety of activities, camera angles and lighting choices.
8. **Four otherwise outstanding photos** showing common mistakes in picture taking. The caption for each print must correctly identify what is wrong and provide an appropriate solution to prevent the mistake.
9. **Series of 4 photos** telling a story or illustrating a single event.
10. **Best individual photo** made this year.

Unit 2: Exploring Photography. Unit 2 is for members who have taken pictures for 4 to 6 years.

Junior Classes – Ages 9-13 (for members who have taken pictures for four to 6 years).

11. **Four photos** showing good composition, such as placement of subject, framing, contrast or perspective. The caption for each photo or the title of the board must explain the ideas being illustrated.
12. **Four action photos.**
13. **Four photos showing effective use of light** (such as natural and electronic flash).
14. **Best individual photo** made this year.

Senior Classes – Ages 14 and over (for members who have taken pictures for 4 to 6 years).

15. **Four photos showing good composition**, such as placement of subject, framing, contrast or perspective. The caption for each photo or the title of the board must explain the ideas being illustrated.
16. **Four action photos.**
17. **Four photos showing effective use of light** (such as natural or electronic flash). **The caption for each photo or the title of board must explain the ideas being illustrated.**
18. **Best individual photo** made this year.

Unit 3: Mastering Photography. Unit 3 is for members who have taken pictures for more than 6 years (All Ages).

19. **Four photos showing members' knowledge** of one of the following: different lenses, photo lamps, existing light, filters, or special effects. The caption for each photo or the title of the board must explain the idea(s) being illustrated.
20. **Four outstanding "people" pictures.**
21. **Four landscapes or nature photos.**
22. **Best individual photo** taken this year.

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 poster, foam core or mat board 14" x 14"

Classes

23. **Junior (9-13 years old)**
24. **Senior (14 and over)**

SWEEPSTAKES PHOTO

25. **(NON ENTRY CLASS)**—One of the 1ST place exhibits will be identified as the “Sweepstakes Photo-Best of Show” and will be awarded the sweepstakes banner. Banner

**EXPRESSIVE ARTS DIVISION
SECTION 4303
LEISURE EDUCATION AND CULTURAL ARTS
Juniors ---- Ages 9-13
Seniors ---- Ages 14 and over**

- ✓ This exhibit will consist of articles made in the 4-H Leisure Education and Cultural Arts Projects. The articles exhibited in this section are items other than required for the Woodworking Projects. One exhibit per county per class. Individual members may enter only one exhibit per class. Exhibits in all classes are limited to items that can not 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: OKC, 2009), if not signed and dated. Effort will be made to mark in an inconspicuous place.
- ✓ Exhibits will be displayed as space allows. Paintings, drawings and other items that would 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. Premiums will be paid on the top five (5) in each class as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**

Class

1. Jr. Fine Art — Pencil, charcoal, pastels, chalk, ink
2. Sr. Fine art — Pencil, charcoal, pastels, 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 on a potter's wheel
12. Sr. Pottery ---- Original design made from clay using a process of hand molding 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. Decorative Textile Craft ---- Silk screening, stenciling, textile painting, batik, tie dye
16. Sr. Decorative Textile Craft ---- Silk screening, stenciling, textile painting, batik, tie dye
17. Jr. Wood Carving Article
18. Sr. Wood Carving Article
19. Jr. Woodcraft ---- Original design
20. Sr. Woodcraft ---- Original design
21. Jr. Woodcraft ---- Kit
22. Sr. Woodcraft ---- Kit
23. Jr. Metal Craft ---- Embossed, tooled, etched
24. Sr. Metal Craft ---- Embossed, tooled, etched
25. Jr. Metal Craft ---- Soldered or welded
26. Sr. Metal Craft ---- Soldered or welded
27. Jr. Nature Craft ---- Article made from natural materials including weaving or basket making
28. Sr. Nature Craft ---- Article made from natural materials including weaving or basket making
29. Jr. Bead Craft Article
30. Sr. Bead Craft Article
31. Jr. Leathercraft ---- Kit
32. Sr. Leathercraft ---- Kit
33. Jr. Leathercraft ---- Original Design

34. Sr. Leathercraft ---- Original Design
35. Jr. Hand Crafted Wax Candle
36. Sr. Hand Crafted Wax Candle
37. Jr. Hand Crafted Gel Candle
38. Sr. Hand Crafted Gel Candle
39. Jr. Fabric Craft ---- Needlepoint, crewel embroidery
40. Sr. Fabric Craft ---- Needlepoint, crewel embroidery
41. Jr. Fabric Craft ---- Cross-stitch or counted cross-stitch
42. Sr. Fabric Craft ---- Cross-stitch or counted cross-stitch
43. Jr. Fabric Craft - Item Decorated with Machine Embroidery
44. Sr. Fabric Craft - Item Decorated with Machine Embroidery
45. Jr. Fabric Craft – Item Decorated with Hand Embroidery
46. Sr. Fabric Craft – Item Decorated with Hand Embroidery
47. Jr. Fabric Craft ---- Hand Quilted and/or appliquéd
48. Sr. Fabric Craft ---- Hand Quilted and/or appliquéd
49. Jr. Fabric Craft – Machine Quilted and/or appliquéd
50. Sr. Fabric Craft – Machine Quilted and/or appliquéd
51. Jr. Fabric Craft ---- Knitted or crocheted
52. Sr. Fabric Craft ---- Knitted or crocheted
53. Jr. Fabric Craft ---- Doll or animal
54. Sr. Fabric Craft ---- Doll or animal
55. Jr. Creative Textile Craft Article - Made only from techniques of weaving, latch-hook, braiding and/or a combination of these techniques
56. Sr. Creative Textile Craft Article - Made only from techniques of weaving, latch-hook, braiding and/or a combination of these techniques
57. Jr. Puppet
58. Sr. Puppet
59. Jr. Paper Craft
60. Sr. Paper Craft
61. Jr. Miscellaneous (limited to items that cannot be entered in any other class.)
62. Sr. Miscellaneous (limited to items that cannot be entered in any other class.)

SCIENCE AND TECHNOLOGY DIVISION SECTION 4304

4-H Technology Exhibits

- ✓ The 4-H technology exhibits are open to all ages. They will be judged separately in two age groups. Juniors – ages 9-13 year olds; Seniors – ages 14 & over. Every exhibit must be labeled on the back with the following information: Name, Club, County, Age as of January 1 and date poster or exhibit was made. Copy written materials such as professional photos, books, publications or items on the internet **should not be use** as original.
 - ✓ Placing ribbons will be awarded to the top ten in the following classes.
 - ✓ Premiums will be paid on the top five exhibits as follows:
\$5 \$4 \$3 \$2 \$1
- 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 foam core or poster board and be no larger than 14"X14". Attach up to 1/2 page of written explanation of the alterations to the back of the exhibit.
1. Jr.
 2. Sr.
- 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 photography techniques of red eye removal, cropping, etc. Must be securely attached to foam core or poster board and be no larger than 14"X14". Attach up to 1/2 page of written explanation of the alterations to the back of the exhibit. Trademark images may not be used.
3. Jr.

4. Sr.
Flat flyer (one-sided) designed by the exhibitor to promote a club or county 4-H education program or activity. Computer generated flat flyer (8 1/2" X 14" or 8 1/2" X 11"). Flat flyers should be securely attached to an appropriately sized foam core or poster board.
5. Jr.
6. Sr.
Brochure, card or invitation related to 4-H (may be double-, tri-, or four-fold measuring 8 1/2" x 11" or 8 1/2" by 14 before folding.) Attach 2 flat copies of the brochure (one side showing the front and the other side showing the back of the brochure) to an appropriately sized foam core or poster board. Attach a large envelope to the back of the board and insert a folded copy of the brochure.
7. Jr.
8. Sr.
Web page designed by the exhibitor Can be for their 4-H Club, Extension Office, County 4-H Program, or their own personal home page that includes content related to 4-H. Exhibit (not to exceed 36" X 36") consists of a display containing a printout of each page of the web page and a 3 1/2" diskette(s) or CD with all necessary computer files. To explain layering that cannot be clearly depicted with printouts, written explanation may also be included.
9. Jr.
10. Sr.
PowerPoint Presentation related to 4-H. Presentation should either promote 4-H or educate about a 4-H project. Presentations should include an official 4-H Clover including required trademark designation. Presentation entry includes a printout of at least 5 slides and script/presentation notes in a folder or notebook. Include presentation file on a labeled 3 1/2" diskette or CD (in an envelope). All PowerPoint presentations should be mounted on a free standing display board not to exceed 36" X 36" when the sides are extended for display. Commercially available "Science Fair Presentation boards" are encouraged". First place exhibits in each class will be displayed. Second place and sub-sequential exhibits may be displayed based upon space available and judges'/committees' discretion.
11. Jr.
12. Sr.

Global Positioning Systems (GPS)/Geographic Information Systems (GIS) Exhibits

- ✓ 4-H Youth will learn about Geographic Information Systems (GIS) concepts by collecting data on a location, describing the attributes.
- ✓ Youth will learn about geospatial technology applications and future career opportunities by working with local government agencies and project partners in their own communities.
- ✓ Increased youth involvement in community service and awareness projects that impact local communities by enhancing economic and community development.
- ✓ The 4-H GPS/GIS exhibits will be judged in two age groups. Juniors – ages 9-13 year olds; Seniors – ages 14 & over.
- ✓ Every exhibit must be labeled on the back with the following information: Name, Club, County, Age as of January 1 and date poster, map or exhibit was made.
- ✓ Posters/Maps must be 14" x 22". Exhibitors are encouraged to laminate all flat exhibits or cover them with clear plastic film.
- ✓ Displays must be free standing and not be larger than 3' x 3' (width x depth) with sides extended for display.
- ✓ Placing ribbons will be awarded to the top ten in the following classes. Premiums will be paid on the top five exhibits as follows: \$5 \$4 \$3 \$2 \$1

Poster showing the parts of a GIS map with an explanation identifying the purpose of each item.

13. Juniors (9-13)

14. Seniors (14 and over)

Display illustrating how GPS works, including the user, control and space segments of the system.

15. Juniors (9-13)

16. Seniors (14 and over)

Geocache box. Exhibit would include geocache box with contents, description & photograph of the location in which the box will be located. (Check Geocaching.com for instructions on placing and describing)

17. Juniors (age 9-13)
18. Seniors (age 14 and over)

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

19. Juniors (9-13)
20. Seniors (14 and over)

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

21. Juniors (9-13)
22. Seniors (14 and over)

Group Projects (Developed by two or more 4-H members)

Hand drawn map. (Map can either be informational or directional). Attach a one page explanation of the purpose for the map.

23. Juniors (9-13)
24. Seniors (14 and over)

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

25. Juniors (9-13)
26. Seniors (14 and over)

Club or County Mapping Project Display

27. **Displays 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 as of January 1 and date 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 9-13 year olds; Seniors – ages 14 & over. Every exhibit must be labeled on the back with the following information: Name, Club, County, Age as of January 1 and date 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
 - 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 3' X 3' (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 five exhibits as follows: \$5 \$4 \$3 \$2 \$1

Programmable Robot

- 28. Juniors (9-13)
- 29. Seniors (14 and over)

Remote-controlled Robot

- 30. Juniors (9-13)
- 31. Seniors (14 and over)

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

- 32. Juniors (9-13)
- 33. Seniors (14 and over)

Projects Group Developed by two or more 4-H members working together (Include all 4-H members' information involved on index card)

- 34. Programmable Robot
- 35. Remote-controlled Robot
- 36. Display with photographs and explanation of a member developed robot which is not available for exhibit.

**SECTION 4305
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:
 - Behavioral and Social Sciences
 - Biochemistry, Medicine, and Health Sciences
 - Botany and Zoological Sciences
 - Computer Science
 - Earth and Space Sciences
 - Engineering
 - Environmental Sciences
 - Mathematics
 - Physical Sciences

A few resources for finding project ideas are:

WWW Virtual Library: Science Fairs -

<http://physics.usc.edu/~gould/ScienceFairs/>

Science Fair Central -

<http://school.discovery.com/sciencefaircentral/>

Information about Oklahoma Science Fairs -

<http://osfef.ecok.edu>

- ✓ Displays 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. Counties may enter one exhibit in each class. First place exhibits in each class will be displayed. Second place and sub-sequential exhibits may be displayed based upon space available and judges' / committees' discretion.
- ✓ **Placing ribbons will be awarded to the top ten in the following classes.**
- ✓ **Premiums will be paid on the top five exhibits as follows: \$5, \$4, \$3, \$2, \$1**

Classes:

1. Beginning Division (9-11 year olds) - A display illustrating the project.
2. Intermediate Division (12-14 year olds) - A display with an accompanying report of approximately two typewritten pages.
3. Advanced Division (15 and over) - A display and a written report about the project that includes an interview with a scientist or someone who works in the area that is being studied. Reports should be three to five pages in length.
4. Team Exhibit (All Ages) – Team may include a maximum of three members. - A display and a written report about the project. **It is recommended** that it include an interview with a scientist or someone who works in the area that is being studied. Reports should be three to five pages in length.

**FAMILY LIVING DIVISION
SECTION 4306 - 4-H FABRICS & FASHIONS**

- ✓ Refer to 4-H Fashion and Fabrics Member's & Leader's Guides for guidelines in construction and design of exhibits. **Any one exhibit should demonstrate the exhibitors knowledge and application of textile science, personal image, consumer education and construction. The Leader's guide provides a tool for learning how to evaluate a "project"** Requirements are available in local Extension offices.
- ✓ A county may enter one exhibit in each class. A 4-H member may enter one exhibit per class, but is restricted to those exhibits designed for his or her age group.
- ✓ Superintendents will decide how many exhibits to display, depending on space available. Placing ribbons will be given to the top ten (10) in each class with the following exceptions: all fun item classes and sample notebook classes. Those classes will be awarded blue, red and white ribbons.
- ✓ Posters must be signed and dated on the back in permanent marker prior to laminating. Judging committee may mark or punch if not marked. Text of posters and displays should be readable from at least 10 ft. away.

CLOTHING CONSTRUCTION EXHIBITS

Use wire hangers only. Hangers will not be returned. If padding is needed, use tissue paper. Do not use hangars for small items or items that are not normally hung.

Competitive Classes

- ✓ Placing ribbons will be given to the top ten in the following classes. Premiums will be paid on the top five exhibits in these classes as follows: \$5, \$4, \$3, \$2, \$1

Beginning Level (Ages 9-11)

1. Pillowcase (1) (Pattern/instructions provided)
2. Laundry Bag (Pattern/instructions provided)
3. Chef or Work Apron (Pattern/instructions provided)
4. Tote Bag (Pattern/instructions provided)
5. Skirt with full elastic waist or mock elastic waist (elastic casing in the back)
6. Shorts with full elastic waist or mock elastic waist (elastic casing in the back)
7. Simple two-piece active sportswear (no collars, no set-in sleeves)
8. Simple curtains
9. Item or Simple garment made of polar fleece
10. Beginning Poster: Must be on 14" x 22" poster board. Use one of the following themes: 1. Label the parts of a sewing machine. 2. Illustrate and label up to 10 items needed in a basic sewing kit. No 3-dimensional posters.

Intermediate Level (Ages 12-14)

11. Bath Robe
12. Pull-on top and coordinating bottom with elastic waist (shorts, pants or skirt)
13. Blanket with binding (can be for human or animal)
14. Shorts, Pants, Skirt or Culottes with waistband

15. Item made of Polar Fleece (**One or more sewing techniques from beginner or intermediate level sample notebook must be used. It is recommended to attach a 3"x 5" card indicating technique**)
Examples include hats, simple ponchos, and mitts
16. One-piece garment (dress, jumpsuit, jacket, shirt, etc.) using one or more of the techniques from the Intermediate Level Sample Notebook. It is recommended to attach a 3" x 5" card indicating techniques used.
17. Two-piece garment using one or more of the techniques from the Intermediate Level Sample Notebook. It is recommended to attach a 3" x 5" card indicating techniques used.
18. Any non-clothing item using one or more of the techniques from the Intermediate Level Sample Notebook. It is recommended to attach a 3" x 5" card indicating techniques used.
19. Intermediate Poster - Must be on 14" x 22" poster board. Use one of the following themes: 1. Cost comparison of ready-made and home-sewn garment similar in fabric and design; 2. Show a pattern and 3 samples of appropriate fabrics. Tell why fabric is appropriate on attached sheet of plain paper; 3. Five samples of fabric weaves with fiber content to include knit, plain weave, satin weave, twill weave, and a non-woven fabric. No three-dimensional posters.

Advanced Level (Ages 15-19)

20. Item made with Polar Fleece (**One or more sewing techniques from intermediate or advanced level sample notebook must be used. It is recommended to attach a 3"x 5" card indicating technique**)
Examples include jackets, coats, and hooded garments.
21. Two-piece ensemble using one or more of the techniques from the Advanced Sample Notebook. It is recommended to attach a 3"x 5" card indicating techniques used.
22. Lined skirt, pants, or jacket
23. Unlined Garment
24. Coat - lined or unlined
25. Lined suit or dress
26. Special occasion garment - i.e. prom dress, English riding habit, etc.
27. Educational Display - Must be free standing with sides attached and fit 3'x3' (width x depth) space. Commercially available "Science Fair Presentation Boards" are encouraged. Select one of the following: 1. Report of project involving clothing for a special situation (i.e. pesticides, industrial, protective), 2. Self determined, such as a report on handicapped and/or elderly specialized clothing. Must emphasize construction, usability, practicality and need.

Fun Items

(JUDGED AGAINST STANDARD)

✓ **Exhibits in classes 28-30 will be awarded blue, red, and white ribbons. (No premiums will be paid.)**

Beginning Level (Ages 9-11)

28. Fun Item - decorated ready-made shirt using fusible web, fabric scraps, trims or buttons. Paints, if used, must be used with one or more of the above. No commercial iron-on transfers.
29. Fun Item - potholder or hot mat
30. Beginning Sample Notebook - may be entered all years but 3 new samples must be added each year. Samples must be attached to sample cards available from Extension Office. Note project year the sample was made in upper right hand corner of card.
 1. Three seam finishes-edge stitched, pinked and edge stitched, zigzag
 2. Button with thread shank and button with shank
 3. Snap and hook and eye samples
 4. Hem samples - machine top-stitch hem, catch stitch
 5. Three basting samples - hand even, hand uneven, machine basting
 6. Two decorative stitches - machine decorative stitch (your choice), cross stitch
 7. Elastic casing sample
 8. Interfacing samples - non-woven, woven, and fusible
 9. Facing sample - grade, under stitch and clip

Intermediate Level (ages 12-14)

✓ **Exhibits in classes 31-34 will be awarded blue, red, and white ribbons. (No premiums will be paid.)**

31. Fun Item - **Recycled garment (exhibit must include before picture and a cost sheet attached)**

32. Fun Item - Decorate a garment using one or more of the following techniques: machine decorative stitches, flat braid, sew-on appliqué, hand embroidery or other technique. Must include at least one sewn technique. Attach a 3"x 5" card indicating technique used.
33. Fun Item - Sewn item related to another project. Attach a 3"x 5" card indicating project.
34. Intermediate Sample Notebook - may be entered in all years. Notebook must include samples from beginning level and 3 new samples must be added each year. Samples must be attached to sample cards available from Extension Offices. Note project year the sample was made in upper right hand corner of card.
 10. Three seam finish samples - serged or hairline; french seam; clean finish
 11. Buttonhole and button - covered button; machine buttonhole with button
 12. Two zipper samples - centered: lapped
 13. Hem samples - machine blind hem stitch and hand blind hem stitch
 14. Matching stripe or plaid - horizontal match and one-way design fabric match
 15. Pleats - box and knife
 16. Dart samples - straight, curved, and double pointed darts
 17. Waistband sample
 18. Three Decorative Techniques: One of the following - flat braid, bias trim, rickrack, one decorative machine stitch; hand embroidery sample.

Advanced Level (ages 15-19)

- ✓ **Exhibits in classes 35-39 will be awarded blue, red, and white ribbons only. No premiums will be paid.**
35. Fun Item - Two pieces of travel accessories such as jewelry case, shaving bag, etc.
 36. Fun Item - Garment constructed from another textile product such as a blanket, towel, sheet.
 37. Fun Item - **Recycled item (exhibit must include before picture & cost sheet attached)**
 38. Fun Item - Embellished garment
 39. Sample Notebook - May be entered all years. Notebook must have all samples from beginning and intermediate levels and 3 new samples must be added each year. Must be attached to sample cards available from extension office. Note project year the sample was made in upper right hand corner of card.
 19. Three seam finishes - Hong Kong, mock flat-fell, and stretch
 20. Bound buttonhole and button
 21. Covered snap and hook and eye
 22. Hand picked zipper sample
 23. Mock fly zipper sample
 24. Three hem samples - rolled hem, Hong Kong with blind hem stitch and mitered corner in hem
 25. Matching a stripe or plaid in chevron pattern
 26. Two lace applications - as a hem edge and as an insertion into fabric
 27. Three decorative techniques - 1. Select one of the following: piping, bias trim, bead edging, sequin strip; 2. machine appliqué; 3. picot edging
 28. Quick sewing techniques - button sewn by machine and stitch in the ditch
 29. Cuff attached in one step

FABRICS AND FASHIONS PERSONAL IMAGE EXHIBITS

- ✓ Placing ribbons will be given to the top ten in classes 40-42. Premiums will be paid on the top five exhibits in these classes as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- ✓ All posters must be 14" x 22" and must be permanently signed and dated on the back prior to laminating. Judging committee my mark or punch if not marked. Text of posters should be readable from at least 10 ft. away.
40. Beginning Level Poster (ages 9-11). Select one of the following topics:
 - a. Hair Care
 - b. Personal Care
 - c. Selection of Shoes
 - d. What Clothing Says About a Culture
 41. Intermediate Level Poster (ages 12-14). Select one of the following topics:

- a. Effects and Use of Lines in Clothing Design
 - b. Effects and Use of Color in Clothing Design
 - c. Common Figure Types
42. Advanced Level Poster (ages 15 & older). Select one of the following topics:
- a. Select an appropriate color combination for your complexion and develop a color palette for a working wardrobe. Tell why you chose this color combination in a one-page report attached to the poster.
 - b. Identify personal body type and show examples of lines and colors appropriate for emphasizing positive features and de-emphasizing negative features. Explain selection in a one-page report attached to the poster.
 - c. Identify a profession and an appropriate wardrobe for that profession. Attach a one-page report telling why each wardrobe item was selected.

FABRICS AND FASHIONS CONSUMER EDUCATION

- ✓ Placing ribbons will be awarded to the top ten in classes 43-44. Premiums will be paid on the top five exhibits in these classes as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- ✓ Posters must be 14" x 22" 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.

Beginning Level (ages 9-11 years)

43. Poster illustrating the topic "Fashion vs. Fad". Use one item, listing cost and source.

Intermediate Level (ages 12-14 years)

44. Poster collage illustrating wardrobe selections (\$200.00 or less) for one season (spring, summer, fall or winter). Attach a one page report on the back of the poster telling how much each item cost, where it was purchased and how it works into your existing wardrobe.

TEXTILES SCIENCE AND CARE

- ✓ Placing ribbons will be awarded to the top ten in classes 45-47. Premiums will be paid on the top five exhibits in these classes as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- ✓ Displays and posters should be permanently signed and dated on the back prior to laminating. Judging committee may mark or punch if not marked. Text of posters and displays should be readable from at least 10 ft. away.

45. Beginning Level Poster (ages 9-11 years)

Choose one of the following topics for a 14"x 22" poster:

- a. Draw a garment care label, and identify or label the information printed on the label
- b. Identify and explain basic laundry techniques.
- c. Compare three different brands of one kind of laundry product (detergent, softeners, spot removers, etc.).

46. Intermediate Level educational Display (ages 12-14 years)

Choose one of the following topics for an educational display, 3'x 3'x3':

- a. Sample of before and after stain removal treatment.
- b. Characteristics, care and qualities of one natural fiber.
- c. Three options for repairing a tear in the knee of a pair of jeans.
- d. Before and after of organizing a closet and drawers.

47. Advanced Level Educational Display (ages 15-19 years)

Choose one of the following topics for an educational display, 3'x3'x 3':

- a. Compare one natural and one synthetic fiber with a similar weave and color. Compare characteristics, noting appropriate and inappropriate uses.
- b. Study, evaluate and report on the results of treating, cleaning, caring for, and using flame-retardant fabrics and/or clothing.

- c. Illustrate the importance of care, cleaning, and storage of heirloom textiles or garments.
- d. Choose your own topic, and create a display related to textiles and their care.

HOME AND PERSONAL LIVING SPACE

- ✓ Placing ribbons will be awarded to the top ten in classes 48-62. Premiums will be paid on the top five exhibits in these classes as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd- \$3, 4th-\$2, 5th-\$1**

Beginning Level (Age 9-11 years)

- 48. Waste Paper Basket
- 49. Wall hanging: Fabric or textile base. Must be able to hang and utilize decorate textile technique, i.e., with appliqué, quilt blocks, quilted or pieced paint, team pennant.
- 50. Hanging Storage Unit: Textile or fabric base, used for storing any type of items, i.e., shoe holder, locker storage, closet, wall pocket, magazine holder, etc.
- 51. Bulletin Board: Decorated using textile craft technique.
- 52. Desk Pad and two coordinating accessories. Must be original handmade item.
- 53. Home Environment Combination: Three articles representing the color scheme of a room. All items must be handmade, finished or refinished, and/or decorated.

Examples:

- picture frame, pillow, & lined basket;
- bulletin board, placemat, & recipe box;
- waste paper basket, covered tissue box, & wall hanging;
- or any other combination of three items.

Intermediate Level (Age 12-14 years)

- 54. Wall hanging: Fabric or textile base, must be able to hang and utilize decorated textile technique, i.e., with appliqué, quilt blocks, quilted or pieced, paint, team pennant, banner. Must incorporate hand or machine stitching.
- 55. Hanging Storage Unit: Textile or fabric base, used for storing any type of items, i.e., shoe holder, locker storage, closet, wall pocket or magazine holder. Must be machine stitched.
- 56. Bulletin Board or Message Center: Decorated using textile craft technique. Must incorporate two textile techniques; i.e., weaving, paint or stencil, covered with fabric, attached trim, etc.
- 57. Desk pad and two coordinating accessories. Must be original, handmade item.
- 58. Home Environment Combination: Three articles representing the color scheme of a room. All items must be handmade, finished or refinished, and/or decorated.

Examples:

- covered album, pillow, lampshade
- tablecloth, placemat, chair cushion
- monogrammed towel, shower curtain, waste paper basket or any other combination of three items.
- 59. Self-Determined: Poster Board, Must be 14"x 22", may be three dimensional. Must include before and after photos, story, and cost on the face of the poster. Poster must be signed and dated on the back.
- Design a study area or computer center
- Improve living space: i.e. Bedroom

Advanced Level (ages 15 yrs. and over)

- 60. Hanging Storage Unit: Textile or fabric base, used for storing any type of items, i.e., shoe holder, locker storage, closet, wall pocket. Must be machine sewn item and incorporate decorative sewing technique, i.e., machine appliqué, ribbon or lace trim, lace application, etc.
- 61. Desk Pad and three coordinating accessories. Must be original, handmade, items.
- 62. Home Environment Combination: Three articles representing the color scheme of a room. All items must be handmade, finished or refinished, and/or decorated.
- Examples: coverlet, pillow, lampshade, tablecloth, placemat, chair cushion, monogrammed towel, shower curtain, waste paper basket or any other combination of three items.

SECTION 4307
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 but is restricted to those exhibits designed for his or her age group. Premiums will be paid on the top five places in each class as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- ✓ Ribbons will be placed on the top ten (10) in each class. Only 1st - 5th place exhibits will be displayed or as space allows.

(Ages 9-13)

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. See Unit One, page 13. Do not confuse with class 4, 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 they can be cleaned with damp cloth. Describe the child for whom each puzzle would be appropriate by giving child's age, interest, and 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 13. Commercially made puzzles are not eligible.

3. Good Guidance 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. Illustrate techniques of positive guidance. Give reasons for not spanking or spoiling children. Include pictures and fact about child development. See Unit One, pages 14-15 and No. 706, Behavior and Guidance.

UNIT TWO (Ages 14-19)

4. Children's Book

Written, illustrated and constructed by 4-H'er. May be written for a specific with text relating to that child or for children of certain age range. Indicate appropriate age range. Construction paper, computer print out, cloth or poster board may be used. Illustrations may be drawn, photographs, appliqués, magazine pictures or reassembled from other books. See no. 707, Books for Children. Do not confuse with Class 1, Baby Book.

5. Surprise Suitcase

Fill suitcase with homemade or store bought items for children you baby-sit. Could include books, puzzles, games, play dough, balls, or costumes. Indicate appropriate age child to use each item. Include records of how children have responded to materials. Packaged in suitcase that can be taken to the home. See No. 722, Child Care Kit. May include commercial puzzles.

SECTION 4308
4-H FOOD SCIENCE & NUTRITION FAIR EXHIBITS

- ✓ Counties may enter one food preparation and preservation exhibit per class. Individual 4-H members can enter one exhibit per class, but are restricted to those exhibits designed for his/her age group. Educational exhibits must fit 3' x 3' (width x depth) space, with sides extended. Exhibits must be free standing with sides attached. Poster must be constructed on poster board 14" x 22". Posters and 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 10ft. away.
- ✓ Criteria for evaluating educational displays and posters include:
 - Originality of Idea — 20 points
 - Educational Value — 50 points
 - Display Value — 30 points

- ✓ All food products must be on a paper plate and in a sealed plastic bag. The superintendent will only exhibit a slice of cake or bread and one cookie, muffin or roll of all exhibits and will dispose of all excess food.
- ✓ 4-H'ers may use recipes indicated in the food science manuals or any other recipe that fits the exhibit requirements. Cakes must be made from scratch using shortening mixing method (no angel food or chiffon-type). Bread machines may be used for the bread exhibits but bread must be made from scratch - no mixes.
- ✓ Dried foods should be exhibited in a sealed, plastic sandwich bag. Canned foods should be placed in colorless, standard canning jars such as those made by Kerr, Ball, etc., and properly sealed with two piece lids (no paraffin on jams and jellies). Other types of jars will be rejected. Judges will remove the screw-bands at time of judging. Labels should be neat and plainly written. Jars of jams and jellies being considered for ribbons may be evaluated for taste in addition to traditional attributes.
- ✓ Only the top five (5) exhibits in each food preparation class will be displayed or as space allows. All other exhibits may be picked up after judging is complete. Any exhibit not picked up the day of judging will be disposed of by fair officials.
- ✓ Ribbons will be placed on the top ten (10) in each class.
- ✓ Money premiums will be paid on the top five (5) in each class:
- ✓ **\$5, \$4, \$3, \$2, \$1.**

FOOD PREPARATION EXHIBITS

- ✓ **Only one piece of 1st - 5th place food preparation exhibits will be displayed. Non-placing exhibits will be discarded if not picked up.**

Class

LEVEL TWO - AGES 9-11

1. Three (3) Muffins
2. Three (3) Rolled Biscuits
3. Three (3) Baked Drop Cookies (no shaped cookies such as snickerdoodle or peanut butter)

LEVEL THREE - AGES 12-14

4. One-half loaf of any yeast bread (not a sweet dough) made by hand or in a bread machine
5. Three (3) yeast cinnamon rolls (no icing)
6. Three (3) rolled sugar-type cookies (no gingerbread recipes)

LEVEL FOUR - AGES 15 AND OVER

7. One-half loaf or portion of breads from another culture. Include a one page story on how this bread fits into that culture and its nutritional contribution
8. One-half of one 8" layer Un-iced shorten type cake (no angel food or chiffon)

FOOD PRESERVATION EXHIBITS

(Jar rings should be left on for display.)

Class

LEVEL TWO - AGES 9-11

9. One pint or half pint jar of jam or jelly processed in boiling water canner
10. Two pieces of fruit leather
11. One pint or half pint of salsa/picante sauce

LEVEL THREE - AGES 12-14

12. One pint jar cucumber pickles or vegetable relish
13. One pint or quart of any single canned fruit (not pickled).
14. Dried Fruit (1/2 cup of a single dried fruit).

LEVEL FOUR - AGES 15 AND OVER

15. One pint or quart jar pressure canned vegetables (no tomatoes or pickles)
16. One quart or one pint jar of plain canned tomatoes.

4-H 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 size is 14" X 22" and Educational Displays should be no larger than 3' X 3' (depth x width) and self standing.

DIVERSITY EXHIBITS

Only 1st through 5th place exhibits will be displayed, or as space allows.

Class

LEVEL TWO AGES - 9-11

17. Educational poster based on breads OR cheeses of another country or countries.

LEVEL THREE & FOUR - AGES 12 & Over

18. Educational poster based on the foods from another culture. Can be based on a cultural celebration.

NUTRITION EXHIBITS

Only 1st through 5th place exhibits will be displayed or as space allows.

Class

LEVEL TWO - AGES 9-11

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

Class

LEVEL TWO - AGES 9-11

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

Class

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 4309

PERSONAL DEVELOPMENT

- ✓ **Refer to leader's guide for guidelines and scorecard and to member's manuals for exhibit ideas. Fair book exhibit list overrides manuals.** Posters must be 14" x 22". Posters must be permanently signed and dated on the back. **DISREGARD POSTER SIZE GIVEN IN MANUALS.** Judging committee may mark or

punch if not marked. Text of posters should be readable from at least 10 ft. away. A county may enter one exhibit in each class. Individual 4-H members can enter one exhibit in each class. Ribbons will be placed on the top ten (10) in each class. Premiums will be paid on the top 5 in each class as follows:

1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1

Class

UNIT ONE (Age 9)

1. Heritage scrapbook
2. Things I Do Best Poster
3. Why I Am Healthy Poster

UNIT TWO (Age 10)

4. Heritage Scrapbook
5. Collage of Famous People Poster
6. Faces and Feelings Poster

UNIT THREE (Age 11)

7. Heritage Scrapbook
8. Career Opportunities Community Map
9. Personalized Newspaper, 17" x 26"

UNIT Four (Age 12)

10. Heritage Scrapbook
11. Careers of Interest Poster
12. Poster related to etiquette, character, or inter-generational relationships

UNIT FIVE (Age 13)

13. Heritage Scrapbook
14. Friendship poster, painting or collage, 14" x 22"
15. Newspaper Ad - about self, minimum size 8 1/2" X 11", maximum 14" X 22"

UNIT SIX (Age 14)

16. Heritage Scrapbook
17. Poster on adolescents' concerns, etiquette, character, or inter-generational relationships

UNIT SEVEN (Ages 15 and older)

18. Heritage Scrapbook
19. Poster on etiquette, character or inter-generational relationships

LEISURE EDUCATION DIVISION

SECTION 4310

4-H POSTMARK

- ✓ Books should be permanently labeled with exhibitor's name and county inside the front cover. This exhibit consists of postmarks, not stamps. Exhibits may be illustrated. All postmarks must be mounted on either 8 1/2" x 11" note paper or photo album page (not to exceed 10" x 17") of any color in a binder. All entries are limited to thirty (30) pages for the collection, plus an additional page for the objective of the collection. Plastic cover pages are acceptable to protect the mounts. Any class may be illustrated. The criteria for judging will be: (1) Appearance and neatness; (2) readability; (3) material relates to chosen topic; (4) brief written description telling purpose or objective of your collection.
- ✓ **NOTE: Metered postage marks must not be used in non-metered class exhibits and non-metered postmarks in metered classes.**
- ✓ Collections from a commercial source are not eligible for exhibit (i.e. through a postal society membership.) At least one-third of the postmarks in any collection must have been added during the current project year. **All entries must be clearly marked on the front cover or inside the front cover with the member's name and county.**
- ✓ Sweepstakes Award - One exhibit will be identified as the outstanding exhibit according to the criteria for judging. A sweepstakes banner will be awarded to the winner.
- ✓ 4-H'ers may enter one exhibit per class in their age group. There is no limit on the number of entries per class per county.
- ✓ Only 1st through 5th place exhibits will be displayed. Ribbons will be placed on the top ten (10) in each class. Premiums will be paid on the top five in each class as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**

Class

Beginning Level (Ages 9-11):

1. Postmark for 10 post offices in home county or surrounding area
2. 30 Oklahoma postmarks
3. 20 topical (any category)
4. 25 Metered postage marks

Intermediate Level (Ages 12-14):

5. 30 hand cancelled
6. 10-30 postmarks that tell a story
7. 30 or more different slogans
8. 30 topical (any category)
9. 30 metered postage marks

Advanced (ages 15 and over):

10. 100 or more hand cancelled postmarks
11. 30-75 postmarks that tell a story
12. 50 or more different slogans
13. 50 or more topical (any category)
14. 50 metered postage marks

Sweepstakes (non entry/class all ages compete).....Banner

**MECHANICAL SCIENCES DIVISION
SECTION 4311
4-H ELECTRIC EXHIBIT**

- ✓ 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. A county can have two (2) in each class. Exhibits should be permanently signed and dated on the bottom or in an inconspicuous location. If not marked judges may mark or punched. 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 five in each class as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- 1. **Electric projects (ages 9-11).** 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). Must have hand-wired plug.
- 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. Must have hand-wired plug.
- 5. **Electric and Electronic Circuits - Ages 9-11**
The exhibit should be mounted on a board and clearly show all circuits. The exhibit should be operational and demonstrated a useful principle or be functional.
- 6. **Electric and Electronic Circuits - Ages 12 & 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.
- 7. **Exhibit - Ages 12 & 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.

8. Exhibit - Ages 12 & over

Exhibit of a wiring diagram for a home, other building, or electric supply system for a community.

9. Electronics Selection Poster - Ages 12 & over

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, or other electronic device.

**SECTION 4312
MODEL ROCKETRY**

- ✓ Posters must be 14" x 22". Exhibitors are encouraged to 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 or 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 exhibits.
- ✓ Attach a 3"x 5" index card to each 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. Money premiums will be paid to the top five in each class as follows:
1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1
- ✓ Ribbons will be given to the top ten in each class. Only 1st-5th place exhibits will be displayed or as space allows.

CLASS

Junior Division (9-13 years)

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 (14 years 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 4313
4-H WOODWORK PROJECTS**

- ✓ These 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 idea sheets. It must be proportional; 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 members can enter one (1) exhibit per class, but is restricted to exhibits designed for his or her age group. A county may enter two (2) exhibits in each class. Woodworking exhibits should be permanently signed and dated in an inconspicuous location. If not marked judge may mark.
- ✓ 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 five in each class as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**

Beginning Level (ages 9-11)

1. Wall mounted rack for hot pads, ties, paper towels or other wall mounted item
2. Puzzle or game
3. Spice, what-not or other small shelves
4. Book ends
5. Miscellaneous

Intermediate Level (ages 12-14)

6. Book case or entertainment center (without doors)
7. Gun, baseball bat, fishing rod or similar rack
8. Refinished item - attach before picture & story with history of item, cost sheet, and description of process used
9. Miscellaneous

Advanced (ages 15 and older)

10. Gun, curio or display cabinet (with doors)
11. Table
12. Chest
13. Miscellaneous
14. Refinished item - attach before picture & story with history of item, cost sheet, and description of process used.

SECTION 4314 – Shooting Sports

- **No live ammunition, actual firearms or parts of firearm that could be reassembled should be included. Any manufactured part of a sporting arm may not be displayed. For exhibits other than posters, attach a 3x5 inch note card describing the exhibit, what was done to create or prepare this exhibit and how the exhibit relates to the Shooting Sports Project.** The 4-H member's name, age, and full address must be included (attached to) with the exhibit. Exhibits deemed to be inappropriate will not be displayed. Exhibits suggested but not limited to posters, educational displays, journals, slings, quivers, gun stocks, decoys and equipment.
- All exhibits will be judged on the basis of instructions and standards explained in the **Oklahoma "4-H Shooting Sports Exhibit Preparation Guidelines Leaders/Members Guide" #690 (1/2007)** which is available through the County Extension Office and on the Oklahoma State 4-H Website in "Literature on-line".
- 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 poster should be readable from at least 10 ft. away.
- Educational display must be three dimensional should be mounted on a freestanding display board not to exceed 36" x 36" (width x depth) when the sides are extended for display. Commercially available "Science Fair Presentation Boards" are recommended.
- **If you use text, pictures, drawings, artwork or other information not created by you in your exhibit you must cite the source.**
- 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 five in each class as follows:
- **1st - \$5, 2nd - \$4, 3rd - \$3, 4th - \$2, 5th - \$1**

Junior Division (ages 9-13) An explanation (3x4 card) must be attached describing the exhibit, what was done to create or prepare this exhibit and how the exhibit relates to the Shooting Sports Project.

01. SHOOTING SPORTS SAFETY: any related item made
02. ARCHERY: any related item made
03. AIR PISTOL: any related item made
04. AIR RIFLE: any related item made
05. .22 RIFLE: any related item made
06. SHOTGUN: any related item made
07. 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. No taxidermy style mounts will be accepted due to limited space)
08. LIVING HISTORY: any related item made

Senior Division (ages 14 and over) An explanation (3x4 card) must be attached describing the exhibit, what was done to create or prepare this exhibit and how the exhibit relates to the Shooting Sports Project.

09. 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 item related made (May include tanned hides, dried and mounted wings, cleaned skulls or other wildlife parts preserved by the 4-H member. No taxidermy style mounts will be accepted due to limited space)
18. LIVING HISTORY: any related item made.

NATURAL SCIENCES DIVISION SECTION 4315 ENTOMOLOGY - 4-H INSECT EXHIBITS

- ✓ The exhibits in entomology are planned to be progressively more difficult. The specific age of exhibitors 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.
- ✓ A 4-H member may enter only one insect exhibit in Entomology (first year through fifth year) and there is no limit on the number of exhibits per county. Exhibits in the first through fifth year are allowed a maximum of five (5) foreign and/or out-of state collected insects (no restrictions on self-determined exhibit). All insects must be mounted on standard insect pins.
- ✓ Exhibits in Classes 2-5 must be in standard insect display boxes. Specifications for the standard insect box are available at the OSU County Extension Office. At least one-third of the specimens in any collection must have been collected during the current project year.
- ✓ 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 five in each class (except for class 6) as follows:
 - ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
 - 1. **First Year** - The exhibit shall consist of 25 adult insects which are displayed in a box approximately 2.5"x 5.5"x 8.5". 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.
 - 2. **Second Year** - The second year exhibit shall consist of 40 adult insects which are displayed in the standard insect display box.
 - 3. **Third Year** - The third year exhibit shall consist of 75 adult insects which are displayed in the standard insect display box.

4. **Fourth Year** - The fourth year exhibit shall consist of 100 adult insects which are displayed in the standard insect display box.
5. **Fifth Year and Beyond** - The exhibit shall consist of 130 adult insects which are displayed in the standard insect display box. There is no limit on the number of years this class may be entered, if exhibit has additions or major modifications.
6. **Self-Determined Entomology Exhibit/Collections** - 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 class. 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.

4-H HONEY EXHIBIT

- ✓ Only one exhibit allowed in each class per individual. However, counties may have more than one exhibit per class.
- ✓ 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. Jar covers should be new if possible and should be screwed on tightly to prevent leakage. There should be 1/4"-1/2" 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 finger prints. Edges should be clean-cut, not ragged. One piece only in each jar; as wide as jar mouth will permit and long enough to extend from the bottom to the top without jamming.
- ✓ Labels should be neat and plainly written or printed.
- ✓ Ribbons will be placed on top ten in each class. Premiums will be paid on the top five in each class as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- 7. Comb Honey, one pint jar
- 8. Extracted Honey, one pint jar

SECTION 4316

4-H FORESTRY

- ✓ A member may enter one exhibit per class but is restricted to only those exhibits designed for his or her age group.
- ✓ 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 five in each class as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**

FORESTRY BOARDS AND EXHIBITS MUST BE SIGNED AND DATED ON THE BACK

TREE LEAF EXHIBIT

- ✓ PLEASE NOTE: Exhibit must conform to all requirements, including labeling & display requirements, outlined in 4-H fact sheet #236 "Collecting and Exhibiting Tree Leaves" (revised 9/2007)
- 1. Ages 9-11 years. **Collection of 10 leaves from trees native to Oklahoma** (no introduced species). One specimen must be from a native evergreen -- pine or juniper. Include a twig & buds with each broadleaf specimen. Exhibit must be properly labeled and displayed on board 22" wide and 28" tall.
- 2. Ages 12-15 years. **Collection of 15 leaf specimens, representing at least three of the five basic leaf types, from trees native to Oklahoma** (no introduced species). Two specimens must be from native awl or scale-leaf evergreen -- pine or juniper. Non-native species are acceptable only if they have been introduced for planting windbreaks and shelterbelts. Include a twig with buds with each broadleaf specimen. Exhibit must be properly labeled and displayed on board 28" tall and 44" wide. Two 28" x 22" boards hinged in the middle are more portable.

3. Ages 16 & over. **Collection of 20 leaf specimens, representing four of the five basic leaf types, from trees native to Oklahoma.** Three specimens must be from needle, scale or awl-leaf evergreens. Species of pine not native to Oklahoma are acceptable if they have been introduced for planting windbreaks and shelterbelts. The palmate leaf sample must come from a native Oklahoma species.

WOOD SAMPLE EXHIBIT

- ✓ Wood sample exhibits should conform to instructions outlined by age group in Oklahoma 4-H **Fact Sheet # 238 "Wood Sample Exhibits" (revised 2/2007).**
- 4. Ages 9-11 years. The exhibit shall consist of six (6) wood samples (3 hardwoods and 3 softwoods) mounted on plywood ¼" thick x 22" wide x 20" high.
- 5. Ages 12-15 years. The exhibit shall consist of eight (8) wood samples (4 hardwoods and 4 softwoods) mounted on plywood ¼" thick x 22" wide x 20" high.
- 6. Ages 16 years and over. The exhibit shall consist of eight (8) wood samples (4 hardwoods and 4 softwoods) each of which shows the end, edge, and surface grain displayed on a board ¼" thick x 22" wide x 20" high.

SELF-DETERMINED EXHIBIT

- ✗ **PLEASE NOTE:** Open to 4-H members of all ages. Exhibit suggestions are listed in 4-H Member's Guide "4-H Forestry Self-Determined Exhibits" Pub. # 239 (revised 03/05)
- ✓ This exhibit shall consist of a poster, model, or any one of a great number of other creative efforts by the club member which relates to the science and technology of forestry or is otherwise directly related to forestry. If display not to exceed 36" x 36" (depth x width) or poster not to exceed 14" x 22".
- 7. Self Determined Exhibit - Ages 9-13
- 8. Self Determined Exhibit - Ages 14 and Older

SECTION 4317 GEOLOGY

- ✓ Any eligible 4-H member may participate in collecting, identifying and preparing a rock-mineral-fossil exhibit or preparing an energy and petroleum exhibit.
- ✓ There is no limit on the number of entries per county. An Individual 4-H member can enter one exhibit per class.
- ✓ Ribbons will be placed on the top ten in each class. Premiums will be paid on the top five in each class as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- ✓ **Rock-mineral-fossil** exhibitors should securely mount their specimens in a wooden display case with a glass or rigid plastic cover. Display box is to be a standard 18" x 24" 3 1/2", the same type display cases as for Entomology. Class 1 may be displayed on 18" x 24" plywood or stiff cardboard that has been made suitable for hanging, although a box is recommended. Each sample should be mounted and labeled in a neat, orderly manner. Labels should include common name, date, location found and mineral use. At least one-third of the specimens in any collection must have been added during the current project year.

Class

1. Fifteen (15) different unpolished rocks, minerals or fossils collected from Oklahoma.
 2. Thirty (30) different unpolished rocks, minerals or fossils, including specimens of sedimentary, igneous and metamorphic.
 3. Open Class - Educational exhibit depicting some phase of geology, testing of minerals, polished rocks, etc. (Display should not exceed 24" x 24".)
- ✓ **Energy/petroleum exhibits.** Posters must be on 14" x 22" poster board. Each must be signed and dated on the back in permanent marker prior to laminating. Judging committee may mark or punch if not marked. Text of posters and displays should be readable from at least 10 ft. away. Displays should be self standing and not bigger than 3' x 3' (width x depth) when sides are extended.

Junior Division (Ages 9-12)

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 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; & (d.) 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; & (d.) 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; & (d.) use written and visual communication skills.

SECTION 4318 4-H WILDLIFE PROJECTS

Only one exhibit will be allowed in each class per individual. Individuals may enter only in their respective age category.

Counties may have more than one entry per class. All exhibits will be judged on the basis of instructions and standards explained in the **"4-H Wildlife Project Exhibit Preparation Guidelines" (# 720; revised 12/06)** which is available from the County Extension Office or on the Oklahoma 4-H Website under "Literature Online".

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). 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.

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 name the actual source at the end or bottom of paper, poster or educational display following an asterisk 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 or from the internet with out 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. 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.

All posters, resource maps and displays must be permanently signed and dated on the back. If not marked the judging committee may mark or punch. Text of posters or 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.

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

1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1

OKLAHOMA WILDLIFE

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

Junior (ages 9-13)

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** or (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 but not limited to: a display dealing with methods of identification of waterfowl, a poster on wildlife, or environmental careers. **See Lit, # 721 "Self Determined 4-H Wildlife and Fisheries Project Ideas" revised 12/06 for additional examples.**

Senior (ages 14 thru 18)

5. (A) **A collection of thirty(30) plants known to furnish food or cover for wildlife**, mounted on food and cover cards or (B) **a seed board with thirty (30) plant seeds** known to furnish food or cover for wildlife. No more than six (6) varieties may be cultivated crops. At least half of the specimens must have been collected during the current project year. For each plant or see include three (3) wildlife species that use that plant or seed (on the cover card or board). Species names must be used for both plants and wildlife in addition to the common name. All species must be native to Oklahoma except that up to six (6) may be from cultivated crops.
6. **Evaluation of an Oklahoma habitat type** that includes a general description of the habitat plant and animal species (species names must be used for plants and wildlife in addition to the common names) that occur within the habitat; a range map showing the habitat's distribution within Oklahoma; and threats to that habitat. Examples of possible habitats include: playa lakes, tallgrass prairie, cross timbers, and shortgrass prairie.
7. **Self Determined Exhibit.** Posters must be 14" x 22". Displays must not exceed 3' X 3' (depth x width). Possible examples include but are not limited to: description of a Wildlife Management Area detailing area, location, habitat, management, and wildlife population trends (if known); or a poster with an emphasis on the life cycle, status, range map, and habitat of an Oklahoman threatened or endangered species. Species names must be use for plants and wildlife in addition to common names. **See Lit. # 721 "Self Determined 4-H Wildlife and Fisheries Project Ideas" revised 12/06 for additional examples.**

4-H FISHERIES

Junior (ages 9-13 year olds)

8. **Display board showing steps in tying two kinds of fishing knot** used in tying lines or leaders. Use cord instead of fishing line. Mount on board suitable for hanging, not to exceed 12" x 12".
9. **Notebook describing habits and appearance of five (5) fishes found in Oklahoma.** Information on each fish to include photo, drawing or cut-out picture, proper common name, kind of food eaten, distinctive physical characteristics, best ways to catch and other topics of interest to anglers.
10. **Display of five (5) member assembled lures**, together with the materials from which they were assembled, mounted on a board not to exceed 12" x 16". Lures may be spinners, jigs, flies, plugs or a combination of these. May be entirely homemade or assembled from purchased supplies.
11. **Self Determined Fish Project.** Educational report, display or project created by the member. Topic to deal with fish, fishing, fish farming, aquatic food chains or pollution in Oklahoma waters. Displays not to exceed 36" x 36" (width x depth) with sides extended. Posters must be 14" x 22".

Senior (ages 14-18 year olds)

12. **Notebook describing habits and appearance of ten (10) fishes found in Oklahoma.** Information on each fish to include photo, drawing or cut-out picture, proper common name, kind of food eaten, distinctive physical characteristics, best ways to catch and other topics of interest to anglers.
13. **Display of five (5) fishing flies tied by the exhibitor.** The material and shape of the exhibit will be exhibitor's choice, but cannot exceed 12" x 12" in size. Attach report to exhibit to indicate the following about each fly on the board: type of fly, type of fish it is used to catch, habitat conditions it is used in and cost to purchase or make.
14. **Display of five (5) fishing lures.** Lures may be any type commonly used in sport fishing. The material and shape of the exhibit board will be exhibitor's choice, but cannot exceed 12" x 12". Attach report to exhibit to indicate the following about each lure on the board: type of lure, type of fish it is used to catch, habitat conditions it is used in and cost to purchase or make.
15. **Self Determined Fish Project.** Educational report, display or project created by the member. Topic to deal with fish, fishing, fish farming, aquatic food chains or pollution in Oklahoma waters. Displays not to exceed 36" x 36"(width x depth) with sides extended. Posters must be 14" x 22".

4-H BIRD

The following OK 4-H online publications would be excellent resources along with those listed in exhibit text for learning more about birds and birding:

4-H NREM 620 "Bird Watching –A Beginning"; 4-H NREM 621 "Using Binoculars"; and 4-H NEREM 622 "I Think It Is A....." (#622 contains a list of additional resources):

Junior (ages 9-13 year olds)

16. **Display of a home constructed bird feeder** (may be from a kit), must include a 3" X 5" index card tacked to the feeder with the following information: 1) What species was it constructed for; and 2) What habitat and site location (should include height) it be placed in.
17. **Display of a single unit bird house, home constructed** (may be from a kit) with a 3" x 5" index card tacked to the house with the following information: (1) What bird species was house constructed for and (2) What habitat and site location (should include height) the house will be placed in.
18. **Notebook of fifteen (15) pictures, drawings or photos of birds** seen and identified by member and labeled with common name of each.
19. **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. See 4-H Wildlife Project Lit No. 720 "Exhibit Preparation Guidelines Leaders/Members Guide" (revised 12/06) for guidelines.
20. **Observation report for Bird Feeder used during previous year**, including photo of feeder at location used ("Bird Feeding Station Report" #723 found on OK 4-H Lit. On-line under Wildlife & Fisheries). May use feeder constructed or a purchased feeder.

21. **Observation report for Bird House used during previous year**, including photo of house at location used ("Birdhouse Observation Report" #724 found on OK 4-H Lit. On-line under Wildlife & Fisheries). May use birdhouse constructed or a purchased house.

Senior (Ages 14-18 years of age)

22. **Bird habitat improvement exhibit.** Notebook of pictures or drawings explaining how exhibitor is developing or improving a bird habitat. This exhibit may be added to or continued from year to year as the habitat improvements are implemented.
23. **Notebook of bird, feeder or nest/house observation records for more than current year.** Include picture of house or feeder at location used with some analysis of comparisons in observations for years observed. (Observation reports are on OK 4-H Lit. On-line under Wildlife & Fisheries- "Bird and Nest Observation" #722; "Bird Feeding Station" #723; and Bird Observation; #724)
24. **Self Determined Bird Project.** If poster must be 14" x 22". If display must not exceed 3' X 3' (width x depth). 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/Members Guide" (revised 12/06) for guidelines.

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.**
- **Diagrams & 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. Please print form on card stock or heavy paper and hole punch..**

Junior (ages 9-13 year olds)

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"x22" or display in notebook on card stock pages or wildflower cards (Lit. # 718).

Senior (ages 14-18 year olds)

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"x22" or display 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 width). 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/Members Guide" (revised 12/06) for guidelines.

SECTION 4319 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. Counties may have more than one entry per class.
- ✓ Exhibits will be judged based on the criteria outlined in the 4-H project fact sheets available from the County Extension Office or available on OK 4-H Literature On-line under Environmental Science. 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.
- ✓ Ribbons will be placed on the top ten exhibits in each class. Premiums will be paid on the top five exhibits in each class as follows:
- ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- ✓ Only 1st through 5th places will be displayed, or as space allows.

Class

1. **Vermi-Composting (with Worms). (Ages 9-13 years)** Compost sample and poster that explains how to compost with worms. Report may include 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" posterboard 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 9-13)** 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 9-13)**
Display a collection of pond, lake or stream critters (no fish) 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 value of water critters - read and summarize in your own words Lit. # 21 or related materials. Optional: Include one single-sided page of labeled photos or drawings of the site or collecting activity.
4. **Where Does My Water Come From Poster (Ages 9-11)**
(14" x 22") describing the source of your water and/or what is done to it before it gets to your home. See Lit # 19 "Water Quality of Streams for ideas.
5. **Natural Resources of My County Poster (Ages 9-13)** Poster (14" x 22") with your photos showing a mixture of local natural resources like prairies, forests, scenic views, water bodies, agriculture, wildlife or similar things Each photo must have a caption naming the resource. Overall, the poster should convince the reader that your county is a great place to live. Poster title should be at least 1 inch tall and include name of your county.

6. **Recycled Item - useable item made from trash** (Ages 9-11). Attach 3" X 5" card listing all materials used.
7. **Aquatic Habitat Poster** (Ages 12-14)
(14" x 22") with photos showing a stream, lake or pond you have visited. Photos should illustrate distinct habitats such as shoreline vegetation, undercut banks, rocky shores, riffles, pools or runs. Each photo must have a caption explaining what it shows. For more ideas read Lit. #21. "Aquatic Organism" Overall, the poster should comment on things you observed that could be helping or harming the critters or their habitat. 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.
8. **Homemade stream or lake sampling equipment** (Ages 12-14)
Display one piece of stream or lake sampling equipment that you have made. Write a one-page report explaining its purpose and how to use it. Some possibilities include secchi disks, plankton tows, deep water samplers, and kick nets. See TVA booklet, "Homemade Sampling Equipment" for instructions on how to make equipment. Optional: Include one single-sided page of labeled photos or **drawings showing equipment in use.**
9. **What Is A Watershed? – Poster** (Ages 12-14)
(14" X 22") Describe what watersheds are and how they work. Title must contain the word, "watershed". See Literature # 24 "Understanding Human Impact on Streams" for ideas.
10. **Natural Resources of My County Poster (Ages 14-18) Poster (14" x 22")** with your photos showing a mixture of local natural resources like prairies, forests, soils, scenic views, water bodies, agriculture, wildlife or similar things. It is desirable to show people using the resource. Each photo must have a caption naming the resource and explaining how people use and enjoy it. Overall, the poster should convince the reader that your county is a great place to live. Poster title should be at least 1 inch tall and include name of your county.
11. **Stream, Pond or Lake Poster** (Ages 15-18)
(14" X 22") Photos showing a stream, pond or lake you have visited. Poster should show things people do that can harm this stream, pond or lake. For ideas read Literature #'s 21 & 24. Poster title must include name of water body and town or county where located.
12. **Water Critters** (Ages 14-18)
Display a collection of pond, lake or stream critters (no fish) preserved in baby food jars with rubbing alcohol as described in Lit. # 21 "Aquatic Organism". Collect in only one water body. Separate critters from different habitats into different jars, labeled with habitat name. Do not include more than one of each type of critter in each collection jar. Collect only critters found on or in the water, not adult flies. Write a 1 page report on three of your critters explaining how they are adapted to their habitat. Read Lit. # 21 "Aquatic Organisms" for ideas. Use the Bookmark Critter ID rating form instructions (Lit. # 29) to calculate the water quality rating for your water body and include results in your report.
13. **Homemade stream or lake sampling equipment** (Ages 15-18)
Display one piece of stream or lake sampling equipment that you have made. Write a 1 page report explaining its purpose and how to use it. Some possibilities include secchi disks, plankton tows, deep water samplers, and kick nets. See TVA booklet, "Homemade Sampling Equipment" for instructions on how to make equipment. Optional: Include one single-sided page of labeled photos or drawings showing equipment in use.
14. **Illegal Dumping – Poster** (Ages 15-18)
(14"x 22") Discourage illegal dumping and explain how illegal dumps can contaminate water or create other problems.
15. **Landfill Display** (Ages 14-18)
Display showing how landfills work. Display must fit a space that is 3' by 3' when sides are extended for display.

All Levels

16. **Group Environmental Project Display** (all ages). This exhibit is to consist of a report of an environmental project carried out by 4 or more 4-H members under the supervision of a 4-H leader. The project may focus on any area of environmental stewardship including recycling, education about a local environmental issue, planting trees or other area of interest. Display not to exceed 3' x 3' (depth x width)

Judging criteria:

1. A brief project description and statement of purpose and objectives.
2. Creativity and quality of project.

3. A brief summary of project activities, extent to which objectives were achieved, knowledge gained, significance of the project to the environment in the community, and number of people involved and/or impacted by project.
4. Media campaign. Include copies of newspaper clippings and other publicity related to the project.
5. Photographs may be included.

17. Individual Self-Directed Environmental Stewardship Project

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 4320 - CROPS AGRONOMY DIVISION

- ✓ All crop exhibits must be grown by the exhibitor as a part of a 4-H project during the year exhibited. Only one exhibit allowed in each class per individual. However, counties may have more than one exhibit per class. All crop exhibits must be grown by the exhibitor as a part of a 4-H project during the year exhibited. Grain will not be returned to the exhibitor except for the following small grains: alfalfa, sweet clover, and vetch. Ribbons will be placed on the top 10 in each class. Premiums will be paid on the top 5 in each class as follows: **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- ✓ **It is recommended that grain and crop seed exhibits be brought and exhibited in one gallon clear jars (plastic or glass) with a lid. Alfalfa and small seeded legumes can substitute ½ gallon clear jars.**

4-H COTTON EXHIBIT

Class

- ✓ 1. Any Variety (20 open bolls) (Exhibit to be shown with petiole attached, bract leaves removed and burr side up)

4-H CORN EXHIBIT

2. Corn Ears (10 ears)

4-H GRAIN SORGHUM EXHIBITS

3. Grain sorghum (10 heads) (Exhibit to be trimmed with 2 1/2 inches of peduncle left on the head)
4. Threshed Grain sorghum exhibit (15 lbs. grain)

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. Suggested varieties are listed for classes 5 - 7.
- 5. Early Maturity Wheat (such as AP502 CL, Coronado, Custer, Dumas, Fannin, Fuller, Jagger, OK Bullet, OK 101, Overley, Santa Fe, Shocker, TAM 107, TAM 110, Triumph 64,)
- 6. Medium Maturity Variety Wheat (such as Doans, Duster, TAM 202, 2137, AGSECO 7853, TAM 200, 2174, Ike, Ogallala, TAM 302, 2158, Intrada, 2163, 2145, Jagalene)
- 7. Late Maturity Variety Wheat (such as Big Dawg, Cutter, Deliver, Endurance, Lockett, Longhorn, Scout 66, Thunderbolt, Trego,)
- 8. Any other wheat variety not listed
- 9. Oats, any variety
- 10. **Canola**
- 11. Rye, any variety

4-H LEGUME SEED EXHIBIT

12. Alfalfa (2 quarts)
13. Other small seeded legumes, such as vetch, sweet clover, etc. (2 quarts)
14. Soybeans (1 peck)
15. Other large seeded legumes, such as cowpeas, mungbeans, winter peas, etc. (1 peck)
16. Peanuts, any type, any variety (1 peck)

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. It 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.
 - ✓ The exhibit should provide information about one phase of the peanut industry such as history, use, production, processing, or importance. The 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 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. Awards furnished by Oklahoma Peanut Commission.
 - ✓ 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.
17. Jr. Division (1st, 2nd & 3rd years)
(ages 9-13).....\$40 plus plaque 30 20 10 10
18. Sr. Division (4th year and above)
(ages 14 and over)...\$40 plus plaque 30 20 10 10

SECTION 4321

FORAGE FOR LIVESTOCK AND WILDLIFE

- 4-H members may have one exhibit per class - no limit to county exhibits per class.
 - The exhibitor's name and address must be on the back of the display board.
 - References for the displays are:
 - ✓ Field Guide to Oklahoma Plants, OSU Rangeland Ecology and Management Publication, contact OSU County Extension Office or Natural Resources Conservation Service Office
 - ✓ National Range Judging Contest 4-H Manual No. 149
 - ✓ A Checklist of Prairie, Shrubland, and Forest Understory Plants of Oklahoma, OSU Fact Sheet F-2872
 - ✓ Bobwhite quail Habitat Evaluation and Management Guide, OSU Circular E-904
 - ✓ White-tailed Deer Habitat Evaluation and Management Guide, OSU Circular E-979
 - Ribbons will be placed on the top ten in each class. Premiums will be paid on the top five in each class as follows:
1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1
- ✓ Classes 1-8 are exhibits of ten (10) native or introduced, annual, biennial, or perennial plants mounted on plywood, pegboard, or other suitable material approximately 3 feet by 3 feet. Two holes ½ inch in diameter and 1 inch from the top should be drilled in the board to facilitate displaying the exhibit. Exhibitor must sign and date the board on the back.
 - ✓ Plant specimens must have been collected during the current project year.
 - ✓ Single plants or bundles should not exceed 1 inch in diameter. No plant should extend above or below the display board. Plants must be labeled with the common name. Judges will use references listed above.

- ✓ Label with letters approximately ½ inch high. Labels may be placed above, below, or across the plants.

Class

- 01 Forages with desirable grazing value for cattle
- 02 Forages with undesirable grazing value for cattle
- 03 Forages with desirable browsing value for white-tailed deer
- 04 Forages with undesirable browsing value for white-tailed deer
- 05 Forages with desirable food value for bobwhite quail
- 06 Forages with undesirable food value for bobwhite quail
- 07 Forages with desirable food value for wild turkey
- 08 Forages with undesirable food value for wild turkey

**HORTICULTURE DIVISION
SECTION 4322
HOME GARDENING**

- ✓ Only one exhibit allowed in each class per individual. However, counties may have more than one exhibit per class.
- ✓ Only 1st through 5th places will be displayed. Other entries will be donated to charity or returned.
- ✓ Ribbons will be placed on the top ten in each class. Premiums will be paid on the top five in each class as follows: **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**

Class

- 1. Potatoes, yellow, white or russet, 3 specimens
- 2. Potatoes, red, 3 specimens
- 3. Okra, 6 pods
- 4. Onions, yellow, 3 specimens
- 5. Onions, white, 3 specimens
- 6. Onions, red, 3 specimens
- 7. Pumpkin, field type (oblong), one
- 8. Pumpkin, jack-o-Lantern (round and flat), one
- 9. Squash, winter, acorn, one
- 10. Squash, winter, butternut, one
- 11. Eggplant, 2 specimens
- 12. Squash, summer, zucchini, 2 specimens
- 13. Squash, summer, yellow straight neck, 2 specimens
- 14. Squash, summer, yellow crook neck, 2 specimens
- 15. Squash, summer, patty pan (scallop type), 2 specimens
- 16. Sweet Potatoes, (any variety), 3 specimens
- 17. Pepper, jalapeno, 5 specimens
- 18. Pepper, other hot pepper, 5 specimens
- 19. Pepper, sweet bell pepper, 5 specimens
- 20. Pepper, banana pepper, 5 specimens
- 21. Tomatoes, large type, 5 specimens
- 22. Tomatoes, cherry type (1 1/2" or less in diameter), 5 specimens
- 23. Watermelon, oblong type, one
- 24. Watermelon, round type, one
- 25. Watermelon, small icebox, one
- 26. Red apples, plate of five
- 27. Yellow Apples, plate of five
- 28. Pears, plate of five
- 29. Cantaloupe, 1 specimen (Oklahoma State Fair only)

HOME GARDEN FOOD BASKET

- ✓ This exhibit is a quality selection of from five to nine different kinds and/or varieties of mature fruits and/or vegetables. 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 or 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. Those not listed in the catalog may be included.
 - ✓ The exhibit must be in a container such as a basket or box. It may be covered with a clear plastic cover but judges must be able to handle product to determine quality.
 - ✓ 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.
30. Jr. Division (ages 9-13)
31. Sr. Division (ages 14 and over)

Giant Pumpkin Contest
Sponsored by Oklahoma Vegetable Association
Robert DeWitt
P O Box 5556
Norman, OK
405-364-0908

{Held at Oklahoma (City) State Fair only; but all 77 Counties can bring Pumpkins.}
Section 4322 - Class 32

- One fruit of any variety of pumpkin or pumpkin-type squash may be entered.
- Entry limited to Oklahoma 4-H and FFA members only.
- The submitted fruit must have been grown in Oklahoma by a 4-H or FFA member.
- The fruit must be free of damage that would limit storage and exhibition (should be intact, without lesions, cuts or open wounds).
- The fruits will be weighed to determine the heaviest.
- Three monetary awards will be given by OVA to the heaviest entries:

1st \$100.00 and Trophy 2nd \$50.00 and Trophy 3rd \$25.00 and Trophy

- OVA will supervise the weighing and select those retained for exhibition during the fair, all others will be sent home.
- 4-H weigh-in will be Wednesday, September 16, 2009 – 10:00 AM – 3 PM, at the Hobbies, Arts, & Crafts Building Oklahoma State Fair

SECTION 4323
4-H HOME GROUNDS

- ✓ Only one exhibit allowed in each class per individual. Counties may have 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 or more 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 top ten in each class. Premiums will be paid on the top five in each class as follows:
 - ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- Class
1. Junior - (Ages 9-13)
 2. Senior - (Ages 14 and over)

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. 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 a 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 9-11 - A collection of 15 specimens with the following information: (1) common name; (2) general class; (3) kind of plant
 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.
 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

Exhibit Unit III - Group or Club Exhibit

6. This exhibit to consist of landscape or environmental beautification project report on a project such as home grounds, school, community center, church, city or roadside park, highway beautification, clean-up campaign, etc.
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.
 1. Extent to which plan integrates total needs of area, short and long term.
 2. Functional use and aesthetic considerations of horticultural materials and techniques.
 3. Operational considerations of expenses encountered, resource personnel contracted and maintenance factors.
 4. "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.
- D. Newspaper clippings and other publicity of the project.

SECTION 4324 HOUSE PLANTS TERRARIUM

- ✓ Terrarium of plant life. Refer to OSU Fact Sheet No. F-6438 or a similar guideline. No specific size of container, materials, plants or methods. Criteria for judging will be (1) compatibility and arrangement of plants and materials (2) structure of soil mixture (3) attractiveness and originality. Terrariums should feature either woodland, tropical or succulent plants. At time of judging, terrariums must be completely covered.
 - ✓ Ribbons will be placed on top ten in each class. Premiums will be paid on the top five in each class as follows:
 - ✓ **1st-\$5, 2nd-\$4, 3rd-\$3, 4th-\$2, 5th-\$1**
- Class
1. Ages 9-11

2. Ages 12-14
3. Ages 15 and over

SECTION 4327 OKLAHOMA 4-H CENTENNIAL

- ✓ All exhibits in the 4-H Centennial division are intended for members to learn about and document our 4-H heritage through the process of identification and preservation. Think of this project like our own “4-H Antique Road Show.”
- ✓ Each exhibit will require research, documentation and reporting to authenticate the item being exhibited. When possible and without deterring from an items value or fragile condition, items should be free of dust, dirt, mold, pests, etc.
- ✓ 4-H Curriculum has been developed to introduce and educate 4-H members and volunteers in the preservation and conservation of artifacts. The criteria/standards used to evaluate the 4-H member exhibit will reflect the child’s mastery of conservation and/or preservation techniques and their ability to document memorabilia/history.
- ✓ Curriculum currently available includes: **Collectibles** 4H•HLTH•402; **Preserving Books, Paper Documents, & Photographs** 4H•HLTH•404; **Preserving Memorabilia** 4H•HLTH•406; **History Mysteries Part 1** 4-H HLTH 407; **Heritage Posters and Displays** 4H•PDL•111; and **History Mysteries Part 2.** 4H•HLTH•410.
- ✓ **Materials underdevelopment and available May 1 include** *Preserving Vintage Clothing and Textile Products; Preserving Metal, Wood and Plastic Collectables; Documenting and Cataloguing Collectables; and Displaying Collections and Collectables.* All curriculums can be downloaded on the Oklahoma 4-H webpage under 4-H Centennial.
- ✓ Poster must be constructed on poster board 14" x 22" (1/2 sheet of a poster board). Positioned horizontal or vertical. Poster may be produced by any medium — watercolor, ink, crayon, acrylic, charcoal, collage, computer, etc. — Posters must be flat. Do not use three-dimensional pieces on posters.
- ✓ Displays must be free standing and are limited to 36"x36"(width x depth) space, including sides extended. Commercially available “Science Fair Presentation Boards” are encouraged. Display should illustrate and explain the topic in detail.
- ✓ All exhibits (member & alumni) at the state level will receive a **commemorative “4-H Centennial Ribbon.”**
- ✓ An overall “**Best of Show**” will be selected in each of the six categories. The **Danish system** will be used **ONLY** in the 4-H age division -- Blue, Red and White. In this recognition system evaluation is made against a defined standard. The judges do not judge one person’s work by comparing it to another’s. The purpose of using the Danish judging system is to acknowledge the mastery of an individual’s skill and knowledge put forth in the form of an exhibit.

BLUE – above average workmanship and skills/knowledge revealed through exhibit/project work

- ☼ 4-H member reported reliable research documenting exhibit.
- ☼ Exhibitor demonstrates a mastery of skill and the application of knowledge in preservation and/or conservation.
- ☼ Exhibit is unique, unusual, validates 4-H through the century.
- ☼ Exhibit is displayed in a manner which demonstrates proper conservation/preservation practices.
- ☼ Finished product/exhibit is neat, clean and restored to the best condition possible, without deterring from the value or historical significance.

RED – expected or average workmanship and skills/knowledge revealed through exhibit/project work

- ☼ Limited research was conducted to document exhibit.
- ☼ Exhibit validates 4-H history.
- ☼ Finished product or exhibit shows a moderate amount of preservation and/or conservation.

WHITE – below average workmanship and skills/knowledge revealed through exhibit/project work.

- ✿ Exhibit is lacking documentation.
- ✿ Research/documentation is invalid.
- ✿ Exhibit does little to validate 4-H history.

ANTIQUES AND COLLECTABLES

- ✓ Reference the following publications in preparing exhibits: **4H•HLTH•402, 403, 404, 405, 406, 408, 409 and 411.**
- ✓ **Authentication Card (4H•HLTH•411)** – Card must be legible and securely attached to the front of the exhibit.
- ✓ **Collection** - Five “4-H” items representing our history. (Not confined to Oklahoma 4-H items.) Each collection will be limited to a display area no larger than 22” X28” when laying down.
- ✓ **Dating** - Each item in the collection must be dated with a year/decade. Documentation must be securely attached and visible to the public without defacing or damaging the item.
- ✓ **No loose collections/set will be excepted. A collections must be SECURELY attached/contained to make one entry.** This means each item within the collection is enclosed in a frame, notebook, attached to a tray, or firmly attached to a rigid display board (foam core, matt board, corrugated plastic, etc.) in a manner where items can not be separate from the collection.

“4-H” Collections

1. 4-H Print Materials - Project Manuals/Curriculum, Books, Postcards, News clippings, Canning Labels, Photos, etc.
2. 4-H Buttons (Example-I Bleed Green, I Luv 4-H, etc.)
3. 4-H Medals
4. 4-H Patches
5. 4-H Jewelry
6. 4-H Posters, Banners, or Pennants
7. 4-H Gate Signs, bike or car tag, or similar such items.
8. Other 4-H collectables

HISTORIC PHOTOGRAPHY

- ✓ Looking for the application of skills and knowledge gained in the area of restoration and preservation of historical photographs. Project support: 4H•HLTH•404 Preserving Books, Paper Documents, & Photographs; 4H•HLTH•406 Preserving Memorabilia; 4H•HLTH•408 Documenting and Cataloguing Collectables; 4H•HLTH•409 Displaying Collections and Collectables or other viable references should be reviewed and utilized.
- ✓ Choose one methods for exhibiting Photographs and justify your choice as it relates to preservation:
 - a. Original photographs scanned/printed from negative, mounted and exhibited using criteria for 4-H Photography exhibits - section 4302.
 - b. Follow preservation guidelines as noted in 4H•HLTH•404. Securely hinge original photo enclosed in a protective sleeve (so it can be lifted to view back of the photograph) on a piece of poster board as described in section 4302.
 - c. If the desire is to preserve the historic integrity of the photograph and frame, appropriate conservation methods should be researched, applied and documented as part of the exhibit.
- ✓ **Authentication Card (4H•HLTH•411)** – Card must be legible and securely attached to the front of the exhibit. On the card include a caption with the year the picture was taken, who is in the picture and what is taking place.
- ✓ Pictures should represent 4-H history (decades 1909-1999) – “history being defined as someone other than the exhibitor (current 4-H member).
- ✓ The back of the picture mounting board or frame must be labeled with the exhibitors name and phone number or email.

Individual Photograph

9. 4-H Trip
10. 4-H at the Fair – Local, County or State

11. 4-H Leadership or Citizenship
 12. 4-H Project Work
- Group of Photographs**
13. 4-H Story – collection of 4-5 pictures

FAMILY LIVING

Reference the following publications in preparing exhibits: 4H•HLTH•402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 4H•PDL•111 available at celebrateok4h.okstate.edu; **OK 4-H Centennial website** or other viable references.

- ✓ Purpose is to determine the member’s application of skills and knowledge gained in the area of restoration and preservation of historical stories and/or artifacts.
- ✓ **Authentication Card (4H•HLTH•411)** – Card must be legible and securely attached to the front of the exhibit.
- ✓ Reference poster guidelines in centennial section introduction.

Fabric and Fashions

14. *Historic Replica* - Replicate a 4-H Uniform, fashion or home accessory, needle work, embroidery, quilt block/quilt, etc. The authentication card (**4H•HLTH•411**) must state the year and/or decade the “replica” was used or exhibited. When possible, attach a photo, picture, or the source/instructions/pattern of the item being replicated.
15. *Heirloom Restoration* – exhibit a textile/clothing/home accessory completed as a part of 4-H project work. The authentication card (**4H•HLTH•411**) should:
 - Describe how the item was restored, preserved and/or is being stored for future generations.
 - When possible, document who made the items and in what year/decade.
 - Note any special stories or information known about the item.
16. *4-H Quilt* – Club/Group Exhibit - Attach an authentication card (**4H•HLTH•411**) describing historical meaning or association to 4-H.

Food Science - Poster (see poster guidelines in centennial section introduction)

17. **Recipe Compare and Contrast Poster**– Using recipe(s) from authentic 4-H project manual(s) compare and contrast two similar recipes used during two different decades. Describe how practices and ingredients have and/or have not changed. Provide a copy of the recipe Be sure to sight both sources and the year of each publication.
18. **Canning/Preservation Compare and Contrast Poster** – Using recipe(s) from authentic 4-H project manual(s) compare and contrast preservation methods for two similar recipes used during two different decades. Describe how practices and ingredients have or have not changed. Provide a copy of the recipes. Be sure to site both sources and year of each publication.

Personal Development - *“Interview a former 4-H member or Extension Staff.”*

- ✓ See 4H•PDL•111; “Heritage Posters and Displays” for guidelines.
 - ✓
19. **Beginning Level (9-11 years of age)**
Poster -- Interview two 4-H family members each from a different decades in 4-H
 20. **Intermediate Level (12-14 years of age)**
Scrapbook - Interview five former 4-H members or a combination of members, volunteers or retired Extension staff from at least three different decades. Include an interview sheet for each person as well as a “then” and “now” photograph of the individual interviewed. The scrapbook can include one 4-H item/memorabilia (or copy of an item) representing each decades being reported (i.e. newspaper clipping, letter, ribbon, program, etc.) or the individual being interviewed.
 21. **Advance Level (15 years of age and older)**

Display — Interview a former 4-H member and depict their life as a “4-H a member” in the form of a display. The display might include – a story/interview sheet/news article written about the individual; actual project work, photographs, medal form/record book, materials from 4-H club meetings -secretary book, news articles published; trips-photo’s or memorabilia; campaign speeches and cards; etc. Following appropriate procedures/techniques for the conservation and/or preservation of historical artifacts secure items to prevent loss or damage. (See the introduction of the Centennial Section for display guidelines)

ANIMAL SCIENCE (See introduction of the Centennial section for poster and display guidelines)

22. Poster or Display - Document changes for one species using photographs/pictures as well as a brief descriptions illustrating changes in livestock production.

MECHANICAL SCIENCES (See introduction of the Centennial section for poster and display guidelines)

23. Poster/Display – describe how **electricity/electric coops** changed rural Oklahoma.
24. Poster or Display – Document “then” and “now” **agriculture production practices** (Agronomy, Horticulture, Forestry, Animal Science, Aquatic Farming, etc.) in terms of equipment and electronics and/or technology.

PLANT SCIENCE (See introduction of the Centennial section for poster and display guidelines)

25. Replica of a Forage/Grain Board displayed sometime between 1909 – 1950 actual size no larger than 3’ x 3’ Make sure two holes ½ inch in diameter and 1 inch from the top should be drilled in the board to facilitate displaying the exhibit.
26. 4-H Corn and Tomato Clubs – Poster describing heirloom varieties of corn and/or tomatoes and how these varieties differ from today’s seed varieties.
27. Heirloom Tomatoes/Corn - Plant, grow and exhibit an “heirloom” variety of tomatoes or corn. Compare and contrast the quality of the heirloom to the hybrid seeds grown today with a one page report.
28. Display or Poster – Document “then” and “now” production changes in Agronomy, Horticulture, Forestry, etc.

2009 ROAD TRIP ARCHIVE – CLUB REPORT-EXHIBITS

Clubs or groups participating in a 4-H Centennial Road Trip are encouraged to show case their experiences. Go to celebrateok4h.okstate.edu; **OK 4-H Centennial website** to learn more about “Road Trip” exhibit preparation.

29. **Level I Road Trip Report-** (Primary Reflection Method) – Notebook which includes a written budget, Travel Itinerary, Menu, and Funding efforts.
30. **Level II Road Trip Report-** Level I Notebook plus either a Scrapbook or Photographic Journal of the clubs experiences.
31. **Level III Road Trip Report-** Includes Level I notebook & Level II Scrapbook/Photographic Journal plus either a Video Scrapbook or Narrated PowerPoint.

4-H ALUMNI DIVISION (OPEN TO PREVIOUS 4-H MEMBERS BEYOND CURRENT MEMBERSHIP AGE)

- ✓ All exhibits in the 4-H Centennial Alumni division are intended to document and preserve our 4-H heritage. Think of these exhibits as our own “4-H Antique Road Show.”
- ✓ When possible and without deterring from an items value or fragile condition, items should be free of dust, dirt, mold, bugs, etc.
- ✓ When possible, provide appropriate protection for the exhibit using good preservation/restoration practices. See Centennial related 4-H curriculum listed in Oklahoma 4-H Centennial section for more information.
- ✓ **Each county will select a maximum of five alumni exhibits for entry in this division at the State Fair that the respective county displays at. It can be any combination of the categories (classes 32-45) noted below.**
- ✓ All exhibits will receive a commemorative “4-H Centennial Ribbon.” An overall “Best of Show” will be selected within each of the five categories.
- ✓ Any item(s) exhibited in this division are not eligible in the following years. Please “dig” out other treasures and share your heritage.

4-H Collections

- ✓ **Collection-** Five “4-H” items representing our history. (Not confined to Oklahoma 4-H items.) Each collection is limited to a display area no larger than 22” X28” when laying down.
- ✓ No loose collections/sets will be accepted. **A collection must be SECURELY attached/contained to make ONE entry.** This means each item within the collections is enclosed and/or attached in a frame, notebook, on a tray or *rigid* display board (foam core, matt board, corrugated plastic, etc.) in a manner items can not be separated from the collection..
- ✓ **Authentication Card (4H•HLTH•411)** – Card must be legible and securely attached to the front of the exhibit. The card along with other related 4-H curriculums can be downloaded on the Oklahoma 4-H Centennial website: celebrateok4h.okstate.edu
- ✓ **Dating** - Each item in the collection should be dated with a year/decade. Documentation must be securely attached and visible to the public without permanently defacing or damaging the item
- ✓ 4-H Publication 4H•HLTH•402 Collections; 4H•HLTH•406 Preserving Memorabilia and 4H•HLTH•409 Displaying Collections and Collectables can provide help.

32. Print Materials - Project Manuals/Curriculum, Books, Postcards, News clippings, Canning Labels, Photos, etc.

33. Buttons (Example: Officer; I Bleed Green, I Luv 4-H, etc.)

34. Medals

35. Patches

36. Jewelry

37. Posters, Banners, Pennants

38. 4-H Gate Signs, bike or car tag, or similar such items.

39. Other 4-H collectables

40. Original 4-H Project Work – One item exhibited at a Competitive Event. When available provide a picture of the member with the exhibit, original ribbon, trophy, or plaque received/awarded.

Scrapbook

41. Individual’s personal scrapbook

42. Family scrapbook – documenting a families participation in 4-H

Historic Photography

- ✓ Choose one methods for exhibiting an original photograph:
 - a. Original photographs scanned/printed from negative, mounted and exhibited on poster board, card stock or matt board.
 - b. Follow preservation guidelines as noted in 4H•HLTH•404. Securely hinge original photo enclosed in a protective sleeve (so it can be lifted to view back of the photograph) on a piece of poster board, cardstock or matt board.
 - c. Preserve the historic integrity of a framed photograph in its original frame.
- ✓ **4H•HLTH•404; Preserving Books, Paper Documents, & Photographs which can provide help and Authentication Card (4H•HLTH•411) is available On-line** on the Oklahoma 4-H Centennial website at: celebrateok4h.okstate.edu.
- ✓ **Documentation** – Regardless of the method chosen, the picture must include a Authentication Card (4H•HLTH•411) – the card must be legible and securely attached to the front of the exhibit without defacing or damaging the item. On the card include
 - a. With the year the picture was taken,
 - b. Who is in the picture and
 - c. What is taking place and
 - d. How it represents a significant 4-H experience.
- ✓ Exhibitors name and phone number or email must be on the back of the mounting board or frame.
- ✓ Pictures should be labeled with year the picture was taken, who is in the picture, what is taking place and how it represents a significant 4-H experience.
- ✓
 - 43. Single Picture - 4-H picture with personal significance.
 - 44. Story board – no larger than 14" x 22" A collection of pictures which represent your 4-H career.
- 45. **4-H Record Book** (may be broken down by groups of years for judging purposes)