

2021
MAJOR COUNTY
FREE FAIR



MAJOR COUNTY
FAIRGROUNDS

**ALL ENTRIES IN THE
MAJOR COUNTY FAIR MUST BE PRE-
ENTERED.**

**SEE PAGE 132 FOR IMPORTANT
PRE-ENTRY/ENTRY INFORMATION.**

TABLE OF CONTENTS

Fair Schedule,	3
Fair Board members, County Commissioners, Excise Board,	4
Extension Staff, Welcome & Important Info	4
Fair Dedication	5
Caroline Bouse Award	6
Announcements, General Rules, Entry Rules	7
Awarding Committee, Protests & Appeals, Code of Ethics	9
Major County Cattlemen's Commercial Stocker Pens	9
Major County Fair Horse Expo	11
Open Class Livestock, Beef, Bucket Calf	13
Open Class Dairy, Sheep, Swine, Goat, Poultry and Rabbits	14
Open Class Agriculture	16
Open Class Garden, Open Class Home Furnishing	17
Open Class Home Furnishing	18
Open Class Quilts, Open Class Special Craft	20
Open Class Kiddie Corner	22
Open Class Junior, Intermediate and Teen Craft	22
Open Class Hanging Arts, Open Class Antiques	24
Open Class Photography	25
Open Class Flower Show	26
Open Class Culinary	27
Best of Wheat State Bread Baking Contest	28
Open Class Canned Products	30
OHCE	32
Michelle Nichols Memorial Livestock Award	33
Major County Junior Livestock 4-H/FFA	34
4-H Divisions	239
FCCLA Divisions	114
FFA Divisions	115
Pre-entry information	132

MAJOR COUNTY FAIR SCHEDULE

Monday, AUGUST 2 to Friday, AUGUST 27, 2021, 8:30a.m.—12:00pm AND 1:00pm—5:00p.m. All exhibits must be pre-entered and all tags must be picked up by 5:00p.m. on Wednesday, September 8.

THURSDAY, September 9

10:00a.m. — 11:00a.m. OHCE & volunteer superintendents' entries received
12:00p.m. — 7:00p.m. Non-Livestock
Entries received (Bring items with entry tags already attached).
12:00p.m.—7:00p.m. Vendor Booth
Set-Up
2:00p.m. OHCE Concession Stand Opens
5:00p.m.—7:00p.m. Fried Onion Burger
Special
5:00p.m.—7:00p.m. Poultry entered and tested
7:00p.m. Poultry Judged

FRIDAY, September 10

7:30a.m. OHCE Concession Stand Open
9:00a.m. Vendor Booths Open
9:00a.m. All livestock in place
9:00a.m. Judging of all non-livestock entries.
12:00p.m. Sheep & Goat Weight Cards
Due
2:00p.m. Sheep Show followed by Goat Show
5:00p.m.—7:00p.m. OHCE Indian Taco
Special
6:00p.m. Free Homeade Ice Cream

SATURDAY, September 11

7:30a.m. OHCE Concession Stand Open
8:00a.m. Swine Cards due; Beef Cards
Due, at beginning of Swine Grand Drive.
10:00a.m. Vendor Booths Open
10:00a.m. Swine Show, Bucket Calf Show
following the Swine Show
12:00p.m. Free Chuck Wagon lunch by Doc Jones & Co. (to the first 300)
1:00p.m. Beef Show
2:00p.m.—4:00p.m. All Exhibits Released
6:00p.m. Horse Expo at Wrangler Rodeo Arena

**WELCOME TO THE
MAJOR COUNTY
FREE FAIR!**

IMPORTANT!!

**ALL ITEMS ENTERED IN THE FAIR MUST BE
PRE-ENTERED.**

**Pre-entry: August 2—27, 2021 at the Major County OSU
Extension Office.**

(All tags must be picked up no later than 5:00p.m. on
Wednesday, September 8.)

MAJOR COUNTY

Fair Board

Kyndell Nichols.....President
Justin Thomas.....Vice President
Gary Detrick.....Member
Jeff Bedwell.....Member
Mary Parkhurst.....Member
Mike Robison.....Member
Carrie Pike.....Member
Cale James.....Member
Darin Frech.....Member
Cindy Detrick.....Secretary

County Commissioners

John Haworth.....District 1
Daryl Wichert.....District 2
Travis Darr.....District 3

County Excise Board

Byron Hobson.....Meno
Hollis Thorp.....Fairview
Don Strecker.....Chester

County Extension Staff

Dana Baldwin, *County Extension
Director, FCS/4-H Educator*
Troy Gosney, *AG/4-H Educator*

DEDICATION

The Major County Fair Board proudly dedicates the 2021 Major County Free Fair to all Major County Fair and Jr. Livestock Show supporters. Thank you to all award donors, volunteers, exhibitors, and all those that pay sales tax, which supports the facilities and operations. We truly appreciate everyone!



Caroline Bouse Memorial

****Fair Participation Award****

A fair participation award (trophy) will be given to the adult exhibitor with the most individual entries in the exhibit building at the 2021 Major County Fair in memory of Caroline Bouse. Caroline participated in the Major County Fair for many years in several divisions with flowers and baked goods being her favorites. She passed away in May 2017 and her enthusiasm for the fair will be greatly missed. This award is sponsored by Caroline's children, daughter Lela Bouse McCracken, and son Duane Bouse.

ANNOUNCEMENTS

The board of the Major County Free Fair announces that the annual Free Fair will be held at the Major County Fairgrounds in Fairview, Oklahoma, on September 10, 11, and 12, 2021. A properly conducted Free Fair should and does result in more economical production. No one factor does more to stimulate effort in improving fair conditions than the fair. It is there that the exhibitor has the opportunity to see and observe the progress being made in the improvement of farm crops, animals, and other exhibits and to compare their work with the efforts of others. Their success in competing with their neighbors stimulates them to greater efforts and their failures teach them where their works have been at fault. The success of the Free Fair depends greatly upon the efforts of various entities. The Fair Board will spare no pains to make everything pleasant and as comfortable for the public as it is possible to do. Remember, this is a free fair — no admission is charged. It is your fair. With the right kind of cooperation, the Major County Free Fair will be second to none in the state.

Major County Fair Board

GENERAL RULES

1. The Major County Fair Board of the Major County Free Fair reserves the right to interpret the rules and regulations and to arbitrarily settle all questions. In connection with the fair.
2. The management reserves the right to amend or add to these rules, as they deem necessary or advisable without further notice. In the event of conflict

of general and special rules, the latter will govern.

3. All exhibitors must be residents of Major County, a member of a Major County 4-H Club, FFA Chapter, FCCLA Chapter, a bona fide member of a Major County OHCE Group, or attend a Major County School or reside in a Major County School District.

4. All property of every character entered for competition or display, or for any other purpose, will be subject to the control of the Fair Board, but in no case shall the Fair Board or any of its officers be held responsible for any loss, damage, or injury to any character of to any such property while same is under the control of the Fair Board.

5. Exhibitors of livestock will be required to keep their stall open, clean and in order and their stock accessible to visitors at all reasonable hours during the Free Fair.

6. The Major County Fair Board WILL NOT BE RESPONSIBLE FOR ANY ACCIDENTS OR INJURY TO ANY EXHIBITOR OR ANY OTHER PERSONS attending the Major County Free Fair.

7. No Junior exhibitor (4-H or FFA) will be allowed on the fairgrounds after 11:00p.m. without written permission of parents AND Extension Director or Ag Instructor.

8. If any article has been entered in a previous Major County Free Fair, it is not eligible to compete in the 2021 Free Fair.

ENTRY RULES

1. Articles not listed will not be exhibited. All entries must be pre-entered.
2. No article or animal will be allowed to enter except in the name of its bona fide owner. Each exhibitor must show his or her own animal, except in case of illness or school function conflict.
- 3.. All exhibits of crops must have been grown during the 2021 crop year.
4. The Fair Board will furnish judges in all departments. The Fair Board reserves the right to substitute judges in case of necessity.
5. **ALL EXHIBITS ARE REQUIRED TO HAVE AN ENTRY CARD FOR LIVESTOCK, AND/OR AN ENTRY TAG FOR ALL EXHIBIT BUILDING ENTRIES.** Livestock Entry cards will be provided. Exhibitors are required to see that their exhibits are properly tagged and entered. It is the responsibility of the exhibitor to see that all information on the entry tag is correct. Cards can be obtained at the Fair Office. Actual exhibits (excluding livestock) will be brought to the Exhibit Building on **Thursday, September 9, between 12:00p.m. and 7:00p.m.** (See livestock rules for details). **Entry tags for exhibit building entries will be available after pre-entries are made, during the specified time, at the OSU Extension Center. And must be picked up by 5:00p.m. on Wednesday, September 8.**
6. All exhibits at the Free Fair will be released at the scheduled time. If not removed at that time, exhibits will become the property of the Fair Association. Animals and all other exhibits will be removed from the building.

Awarding Committee

1. When there is no competition, the judges will specify whether the article is worth the class. Awards will be by the single judge system. No appeal will be considered except in case of protest.
2. When special premiums are offered, they shall be paid directly by the donor.
3. All judges and awarding committees must be wholly disinterested directly or indirectly in the decisions, which they may have voiced.
4. Interference with judges is not allowed. When judges have carefully examined all articles and made a decision, the superintendent of the department will promptly mark the results and attach ribbons to the exhibits until the conclusion of the Free Fair.

Protests & Appeals

1. All protests must be made in writing and accompanied by a deposit of \$50.00, which will be forfeited if protest is not sustained. Said protest must state plainly the cause of the complaint or appeal and name and address of witnesses must be filed with the secretary of the Fair Board who in turn shall refer it to the Major County Fair Board whose decision shall be final. The protest of appeal must be made within 24 hours after the award is made.
2. The right of an exhibitor to appeal from the decision of a judge to the Board can only happen when it is charged that the award has been made in violation of the rules governing the exhibit or when it is charged that the decision of the judge has been influenced or interfered with by another.
3. In addition to the rights to protest herein guaranteed to exhibitors, the Fair Board reserves the right to take cognizance of fraud, consummated or attempted, in connection with an ex-

hibit and take such action as may be deemed just and proper and as may be warranted in the premises.

Code of Ethics

Believing it is in the best interest of all exhibitors to maintain a reputation of integrity and to continue to present a wholesome and progressive image in the show ring, the following list of practices are considered unacceptable in the presentation of livestock. The use of such practices or procedures is, therefore, considered a violation of the Rules & Regulations governing the show. The official code of ethics of the Oklahoma State Fair Handbook, will be followed including, but not limited to:

1. Misrepresentation of the age or breed of the animal for the class in which it is entered.
2. Striking the animal to cause swelling.
3. Any attempt to change the natural color of an animal.
4. Administration of a drug of any kind except for the treatment of a recognized disease or injury.

MAJOR COUNTY

CATTLEMEN'S ASSOCIATION COMMERCIAL STOCKER PENS

For the Major County Fair/Jr. Livestock Show (exact dates for weigh-ins, weigh-backs, and interviews are announced annually by the MCCA)

GENERAL RULES

1. Enter either pen of Steers and/or Heifers.
2. Stockers are weighed and priced individually during the year of weigh-in.
3. Exhibitors are allowed to weigh-in a maximum of five head per pen.
4. Stockers will be priced by a cattle buyer or extension specialist.
5. Stockers are identified with an ear tag and color pattern is noted during weigh-in.
6. Stockers may be feed any way the exhibitor chooses. Most are turned out on wheat pasture. Some are run on grass and fed protein. Few have been program fed.
7. Wheat or small grain pasture price is determined at weigh-in. The going rate is used. An example is \$4.50 per hundred weight per month or \$ X per acre can be used.
8. The feed report is submitted for each pen of stockers. Feeding costs for the pen are determined by current prices of feed stuffs. Each ration, hay and protein source are individually priced and used for all pens.
9. Final weigh-back will be on the three best head (final three). The pen is priced as a whole, not as individuals and weighed.
10. Two or three individuals with
9. Expertise in the Beef Industry will
10. Conduct interviews.
11. Final placings will be determined by performance of animals, records, and interviews.
12. Must live in or be a 4-H or FFA member in Major County.
13. Jr. (9-13) and Sr. (14 & up) age divisions for both Steer and Heifer divisions.
14. Premiums of \$250 will be paid to each age division winner.

MAJOR COUNTY FAIR
HORSE EXPO

SATURDAY, September 11, 2021,
6:00p.m. at the Wrangler Rodeo Arena (must have been pre-entered by August 27, 2021).

RULES

Exhibitors must be a resident of Major County, belong to a Major County 4-H or FFA Club, attend a Major County School, or reside in a Major County School District.

There will be one premium paid per exhibitor.

Age Divisions (as of January 1)

PeeWee – 8 & under**

Junior – 9—13

Senior – 14-18

Open—19 and older

** PeeWees in the 8 & under age division only may be assisted with horse by an ADULT in the arena. No riding double. Ownership of the horse is not necessary, **however, the one horse/one rider rule will apply.**

This means that a horse cannot compete more than once per class. *Example* - A horse can be shared amongst family members and can compete once in Junior Barrels and once in Senior Barrels, with different exhibitors but not twice in Junior Barrels.

NO STALLIONS allowed on premise.

Dress code is casual. Exhibitors must wear jeans and boots. Hat is optional.

All exhibitors must have full control of their horse AT ALL TIMES and must be appropriately skilled to handle their horse safely and in a sensible manner.

An exhibitor may be excused from the arena by Show Management (Judge, Superintendent, or Fair Board Member) for unruly/dangerous behavior which includes excessive bucking/rearing/bolting or aggressiveness towards another horse or exhibitor, *for example*: biting, striking, or kicking.

Show management may also suspend an exhibitor's right to participate in any class or disqualify an exhibitor for poor sportsmanship, unruly/dangerous behavior, and/or inhumane treatment to their animal by exhibitor or exhibitor's parent.

A fall from either horse or rider will be considered a disqualification from that class.

A NEGATIVE COGGINS TEST IS REQUIRED.

A release of liability form will be signed by each exhibitor and/or exhibitor's parents before that person will be allowed to compete.

Judge's decision is final and is NOT subject to protest.

Horse Classes

1. HALTER – MARES**
2. HALTER – GELDINGS**
**May be split into age divisions
as of January 1, pending entries
and judge's discretion
3. HALTER – PONY under 54"
4. SHOWMANSHIP – PEEWEE
5. SHOWMANSHIP – JR
6. SHOWMANSHIP – SR
7. SHOWMANSHIP – OPEN
8. HORSEMANSHIP – PEEWEE
9. HORSEMANSHIP - JR
10. HORSEMANSHIP – SR
11. HORSEMANSHIP – OPEN
12. STICK HORSE BARREL RACE
– 5 & under
13. GOODY RACE – PEEWEE
14. FLAG RACE – JR
15. FLAG RACE – SR
16. FLAG RACE – OPEN
17. BARRELS – PEEWEE
18. BARRELS – JR
19. BARRELS – SR
20. BARRELS – OPEN
21. POLES – PEEWEE
22. POLES – JR
23. POLES – SR
24. POLES - OPEN

OPEN CLASSES

-ALL EXHIBITS must be pre-registered!
Pre-Registration required anytime between 8:30 a.m. on Monday, August 2 to 5:00 p.m. on Friday August 27. Pre-entry must be completed by 5:00 p.m. on Friday August 27. Use the pre-entry form included in the center of this book.

OPEN CLASS LIVESTOCK

- 1.All breeding animals must conform to breed qualifications.
- 2.No limit on number of entries.
- 3.Show order will be youngest classes first.
- 4.Open show will precede the junior livestock show.
- 5.Champions will receive a ribbon.

Beef Classes

Breeds: Angus, Hereford, Shorthorn, Other, Pure-breeds.

- B1 Bull, over 4 months and under 1 year
B2 Bull, 1 year and under 2 years.
B3 Bull, 2 years and older.
CHAMPION BULL
B4 Heifer, 4—12 months
B5 Heifer, 12—18 months
B6 Heifer, 18—24 months
B7 Cow, 2 years and older
CHAMPION FEMALE

BUCKET CALF

An orphaned or newborn calf, male or female dairy or beef, hand-fed on a bucket or bottle. Must be weighed in at designated site. Youth under 12 years of age may participate.

Age groups:

- Junior 8 and under
Intermediate 9 —10
Senior 11 — 12

Judging will be based on record forms, evaluation by a judge on the care and knowledge obtained, and interest shown by the participant. Ribbons will be presented to participants.

Dairy Classes

- D1 Bull, over 4 months and under 1 year
D2 Bull, 1 year and under 2 years
D3 Bull, 2 years and older
CHAMPION BULL

D4 Heifer, 4—12 months
D5 Heifer, 12—18 months
D6 Heifer, 18—24 months
D7 Cow, 2 years and older
CHAMPION FEMALE

Sheep Classes

- S1 Ram, 4—12 months
S2 Ram, 1 year and older
CHAMPION RAM
S3 Ewe, 4—12 months
S4 Ewe, 1—2 years
S5 Ewe, 2 years and older
CHAMPION EWE

Swine Classes

- Must have** a negative pseudo rabies test after June 1, 2020, **must have** an official ear tag in the right ear and premise identification number.
SW1 Boar, 4—7 months
SW2 Boar, 8 months and older
CHAMPION BOAR
SW3 Gilt, 4—7 months
SW4 Sow, 8—18 months
SW5 Sow, 19 months and older
CHAMPION FEMALE

Goat Classes

- G1 Get of Sire
- G2 Wether, no over 10 months
CHAMPION MALE
- G3 Doe, birth — 4 months
- G4 Doe, 5 — 12 months
- G5 Doe, 13 months — 2 years
- G6 Doe, over 2 years in milk
- G7 Doe, over 2 years
Un-freshened
CHAMPION FEMALE

POULTRY DEPARTMENT (and RABBITS)

-ALL exhibits in this department must be pre-registered! Pre-Registration required anytime between 8:30 a.m. on Monday, August 2 to 5:00p.m. Friday, August 27. Use the pre-entry form included in the center of this book.

- ALL exhibits must be in place on Thursday, September 10, between 5:00 and 7:00 p.m., poultry will be blood tested for pullorum disease and cannot be left for judging until test is complete or at 7:00p.m. Judging will begin when all testing is complete.

1. All entries and awards in this department shall be subject to the General Rules and Regulations.

2. All poultry and rabbit exhibits will be released WHEN ALL OTHER EXHIBITS ARE RELEASED

3. Poultry can only compete in classes for which they are entered; i.e., birds entered in single classes cannot compete in trios and birds entered in trios cannot compete in singles.

4. All poultry can be banded.

5. Poultry showing any symptoms of disease may, at the discretion of the superintendent, be excluded from exhibiting, removed from the grounds and returned to the owner. No sick bird will be admitted.

6. All rabbits can be permanently earmarked.

7. Rabbits showing any symptoms of disease may, at the discretion of the superintendent, be excluded from the exhibition, removed from the grounds and returned to the owner. No sick rabbit will be allowed in the show.

8. Entrant MUST list breed of poultry or rabbit on the entry form. If no

9. Each exhibitor is allowed ONE ENTRY IN EACH CLASS.

OPEN CLASS

Terms are thus defined for
Poultry:

Cock-Male bird, 12 months or
over

Cockerel-Male bird under 12
months

Hen-Female bird, 12 months
or over

Pullet-Female bird under 12
months

Trio (old) - One cock and two
hens of same variety

Trio (young) - One cockerel
and two pullets of same varie-
ty (Same for each breed)

Terms are thus defined for
Rabbits:

Junior - under six months.

Senior - over six months.

Meat pen - three rabbits (4 ¼
lbs)

STANDARDS- DIVISION P01

(Same for each breed)

B-01 Cock

B-02 Hen

B-03 Cockerel

B-04 Pullet

B-05 Young Trio

B-06 Old Trio

BANTAMS- DIVISION P02

(Same for each breed)

B-07 Cock

B-08 Hen

B-09 Cockerel

B-10 Pullet

B-11 Young Trio

B-12 Old Trio

WATER FOWL- DIVISION P04

(Same for each breed)

B-15-1 Drake (domesticated)

B-15-2 Duck (domesticated)

B-16-1 Goose (domesticated)

B-16-2 Gander (domesticated)

RABBITS- DIVISION P06

(Same for each breed)

A-01 Senior Buck

A-02 Junior Buck

A-03 Senior Doe

A-04 Junior Doe

A-05 Meat Pen

OPEN CLASS
AGRICULTURE

1. Only one entry per class.
2. Must conform to class requirements , i.e. 15 pounds.
3. Exhibitors must name the variety.

SMALL GRAINS

- A1 Early Maturity Wheat (AP50CL, Coronado, Dumas, Fannin, Jagger, OK Bullet, OK 101, Oveley, Santa Fe, Shoker, TAM107, TAM110, Triumph64)
- A2 Medium Maturity Wheat (Doans, Duster, Tam202, 2137, AGSECO7852, Tam200, 2174, Ide, Ogallala, TAM302, 2158, Intrada, 2163, 2145, Jagalene)
- A3 Late Maturity Wheat (Big Dawg, Cutter, Deliver, Endurance, Lockett, Longhorn, Scout66, Thunderbolt, Trego)

A4 Any other approved variety

Wheat

- A5 Oats, any variety
- A6 Rye, any variety
- A7 Barley, any variety
- A8 Canola, one pound

AGRICULTURE

- A9 Popcorn, 10 ears
- A10 Field Corn, 10 ears
- A11 Forage Sorghum Bundle, 3-5"
- A12 Hybrid Grain Sorghum, open head, 10
- A13 Hybrid Grain Sorghum, compact, 10
- A14 Native Grass Bundle, 3-5"
- A15 Alfalfa Seed, 1 quart
- A16 Sweet Clover, 15 pounds
- A17 Cowpeas, 15 pounds
- A18 Cowpeas, shelled, 15 pounds
- A19 Mung Beans, 15 pounds
- A20 Watermelon seeds, 1 pint
- A21 Sunflower seeds, 1 pint
- A22 Cotton, 20 bolls
- A23 Alfalfa Hay, Block

OPEN CLASS
GARDEN

All fruits and Vegetables must be grown in Major County by the person entering item. *Be sure to leave stems on apples and pears.*

- A24 Apples, red, 5
- A25 Apples, yellow, 5
- A26 Beans, shelled, 1 pint
- A27 Biggest Garden Product
- A28 Cantaloupe, 1
- A29 Carrots, 6
- A30 Cucumbers, 5
- A31 Eggplant, 3
- A32 Grapes, 3 pounds
- A33 Okra, 6 pods
- A34 Onions, white, 5
- A35 Onions, red, 5
- A36 Onions, other, 5
- A37 Peaches, Freestone, 5
- A38 Peaches, cling, 5
- A39 Pears, 5
- A40 Peas, Crowder, unshelled, 6
- A41 Peas, shelled, 1 pint
- A42 Peppers, jalapeno, 5
- A43 Peppers, Hot, other, 5
- A44 Peppers, sweet, 5
- A45 Potatoes, white, 5
- A46 Potatoes, red, 5
- A47 Potatoes, sweet, 5
- A48 Pumpkin, 1
- A49 Squash, winter, 1
- A50 Squash, summer, 1
- A51 Tomatoes, large, 3
- A52 Tomatoes, small, 5
- A53 Unusual vegetable
- A54 Watermelon, Black Diamond
- A55 Watermelon, Charleston Gray
- A56 Watermelon, other

Best Garden Product

This contest is for the best quality product in the fruit and vegetable category in the horticulture department. The product must have been grown by a resident of Major County. The products must not be rotted, bruised, cracked or damaged in any way. Entries will be taken during regular entry times. An award will be given to the best fruit or vegetable in open class or junior division. This award is sponsored by the Carlene Evans Family in her memory.

OPEN CLASS

HOME FURNISHING

1. All articles must have been made and completed by the exhibitor, a resident of Major County or a member of a Major County 4-H, FFA, FCCLA, OHCE or Major County School and have been made after the 2020 Free Fair.
2. Every reasonable precaution will be taken to ensure safety of all articles entered and during their exhibit, but in no case will Major County Free Fair be responsible for any loss or damage that might occur. Entries are accepted only under these conditions.
3. Only one article per exhibitor per class.
4. All articles must remain in place until release time and until released by the superintendent.

5. All pictures exhibited must have a hanger attached.

Home Furnishings Class

- W1 Tablecloth, original or unusual design
- W2 Place mats-(set of 2 or 4)
- W3 Pillow from recycled fabric
- W4 Pot Holders (2)
- W5 Table Piece
- W6 Decorative Throw Pillow
- W7 Infant blanket
- W8 Comforter, tied
- W9 Bedspread, all types
- W10 Rugs, any type
- W11 Tea towels, 3 or more
- W12 Hot dish mats (2)
- W13 Hot dish carrier
- W14 Pillowcase
- W15 Curtain

Sewn Clothing Items Class

Please bring on hanger

- W16 Infant's shawl
- W17 Infant's one piece playsuit
- W18 Infant's dress, under 2 years
- W19 Infant coat
- W20 Child's pajamas
- W21 Girl's Dress
- W22 Girl's tee shirt
- W23 Boy's tee shirt
- W24 Child's short set
- W25 Girl's best dress
- W26 Child's playsuit
- W27 Blouse, any kind
- W28 Ladies best dress
- W29 Ladies robe
- W30 Ladies sportswear
- W31 Shorts or slacks
- W32 Tailored jacket
- W33 Ladies skirt
- W34 Ladies coat
- W35 Apron, practical
- W36 Apron, fancy
- W37 Western shirt
- W38 Wool garment
- W39 Homemade handbag
- W40 Boy's Jacket
- W41 Decorated vest
- W42 Recycled denim clothing
- W43 Men or boys dress shirt
- W44 Sleepwear
- W45 Poncho or cape
- W46 Child costume
- W47 Adult costume

Knitting & Crocheting Class

- W48 Knitted article, small
- W49 Crocheted article, small
- W50 Knitted article, large
- W51 Crocheted article, large
- W52 Afghan, knitted
- W53 Afghan, crocheted
- W54 Afghan, other type
- W55 Sweater, knitted or crocheted

Needlework Classes

- W56 Crewel Embroidery, picture
- W57 Crewel Embroidery, other
- W58 Needlepoint, picture
- W59 Needlepoint, other
- W60 Counted Cross-stitch
- W61 Embroidery article, hand
- W62 Embroidery article, machine
- W63 Patchwork article
- W64 Candle wicking
- W65 Quilted Wall Hanging
- W66 Quilted article, small
- W67 Stamped cross-stitch
- W68 Appliqued article
- W69 Ribbon embroidery
- W70 Duplicate stitch
- W71 Long-stitch needlework

Senior Citizen
(65 or older)

- W72 Embroidery article
- W73 Quilt, pieced
- W74 Baby quilt
- W75 Quilted item, small
- W76 Quilted item, large
- W77 House shoes, knitted
or crocheted
- W78 Rug, any type
- W79 Tea towels, 3 or more
- W80 Hot pads, 2
- W81 Pot holders, 2
- W82 Needlecraft, any type
- W83 Ladies dress
- W84 Wall panels, 1 or more
- W85 Handicraft, any type
- W86 Woodcraft or whittling
- W87 Dolls, any type
- W88 Decorative pillow
- W89 Pillowcases, any type
- W90 Afghan, any type
- W91 Knitted article
- W92 Crocheted article
- W93 Decorative towels
- W94 Ceramics, stained
- W95 Ceramics, glazed
- W96 Colored picture, crayon
- W97 Colored picture, pencil
- W98 Colored picture, marker
- W99 Hand drawn picture

OPEN CLASS - QUILTS

- Q1 Appliqued-quilted by exhibitor
- Q2 Appliqued-quilted by others
- Q3 Embroidered-quilted by exhibitor
- Q4 Embroidered-quilted by others
- Q5 Pieced-quilted by exhibitor
- Q6 Pieced-quilted by others
- Q7 Machine-quilted by exhibitor
- Q8 Machine-quilted by others
- Q9 Hand quilted-quilted by exhibitor
- Q10 Hand quilted-quilted by others
- Q11 Any other-quilted by exhibitor
- Q12 Any other-quilted by others
- Q13 Crib-quilted by exhibitor
- Q14 Crib-quilted by others
- Q15 Group Effort

OPEN CLASS

- SPECIAL CRAFT

- C1 Tooled leather article
- C2 Beadwork craft
- C3 Best original idea, wood
- C4 Best original idea, metal
- C5 Best original idea, textiles
- C6 Best original idea, glass
- C7 Doll, handmade, rag
- C8 Doll, handmade, sculptured
- C9 Doll, handmade, best dressed
- C10 Country craft, (wood, metal, cloth,
glass)
- C11 Woodworking article
- C12 Something from nothing
- C13 Adult handmade hobby
Collection, 3 or more
- C14 Handmade cards, 3
- C15 Memory box
- C16 Plaster craft, small
- C17 Plaster craft, large
- C18 Stained glass article
- C19 Tole painting article
- C20 Tole painting on wood
- C21 Stuffed toy
- C22 Decoupage, small
- C23 Decoupage, large
- C24 Ceramics, glazed
- C25 Ceramics, stained

C26 Ceramics, dry brushed
 C27 Ceramic doll
 C28 Item made from Fiber Art
 C29 No sew textile article
 C30 Decorated flower pot
 C31 Door decoration
 C32 Handmade jewelry
 C33 Mosaic item, small
 C34 Mosaic item, large
 C35 Hand-woven basket
 C36 Adult hobby collection (3 or more mounted and displayed as one unit)
 C37 Child's hobby collection (3 or more mounted and displayed as one unit)
 C38 Refinished item, wood
 C39 Refinished item, other than wood
 C40 Christmas stocking
 C41 Handmade Christmas tree ornament
 C42 Other handmade holiday Decorations
 C43 Paper Mache'
 C44 Acrylic painted item
 C45 Porcelain article
 C46 Porcelain doll
 C47 Model
 C48 All other crafts, small
 C49 All other crafts, large
 C50 Bible cover
 C51 Latch hook
 C52 Birdhouse
 C53 Scrapbook
 C54 Gift wrapped box, shoe box size or smaller
 C55 Purchased purse, decorated
 C56 Craft foam article

C57 Purchased sweatshirt, decorated
 C58 Purchased tee-shirt, decorated
 C59 Recycled tee-shirt
 C60 Colored picture, crayon
 C61 Colored picture, pencil
 C62 Colored picture, marker
 C63 Hand drawn picture

KIDDIE CORNER
(2 & 3 YEAR OLDS)

C64 Garden flowers, 1 or more
 C65 Wild flowers, 1 or more
 C66 Fruits, 1 or more
 C67 Vegetables, 1 or more
 C68 Houseplant
 C69 Container garden
 C70 Drawing, any type
 C71 Bible School craft
 C72 Dot-to-dot
 C73 Play dough art
 C74 Water color
 C75 Finger painting
 C76 Crayon colored picture
 C77 Construction paper art
 C78 Something from nothing
 C79 Lego, original design
 C80 Lego, from kit
 C81 Decorated flower pot
 C82 Craft article, foam
 C83 Craft, other

KIDDIE CORNER
(4 & 5 YEAR OLDS)

- C84 Garden Flowers, 1 or more
- C85 Wild flowers, 1 or more
- C86 Fruits, 1 or more
- C87 Vegetables, 1 or more
- C88 Houseplant
- C89 Container garden
- C90 Drawing, any type
- C91 Bible School craft
- C92 Dot-to-dot
- C93 Play dough art
- C94 Water color
- C95 Finger painting
- C96 Crayon colored picture
- C97 Construction paper art
- C98 Something from nothing
- C99 Lego, original design
- C100 Lego, from kit
- C101 Decorated flower pot
- C102 Craft article, foam
- C103 Craft, other

JUNIOR ARTS & CRAFTS
(8 AND UNDER)

- C104 Original painting, any media
- C105 Original fabric painting, any media
- C106 Ceramics
- C107 Picture on paper
- C108 Model rocket
- C109 Painting from kit
- C110 Craft from kit
- C111 Original fabric weaving
- C112 Macramé
- C113 Pen & ink on wood
- C114 Pen & ink on glass
- C115 Scratch art
- C116 Wood craft
- C117 Crayon colored picture
- C118 Something from nothing
- C119 Plastic craft
- C120 Embroidery
- C121 Bookmark
- C122 Model car or truck
- C123 Model airplane
- C124 Bible School craft
- C125 Construction paper art
- C126 Cross stitch article
- C127 Birdhouse
- C128 Lego, original design
- C129 Lego, from kit
- C130 Container garden
- C131 Decorated Flower Pot
- C132 Craft article, foam
- C133 Craft, other
- C134 Knitted or Crocheted item

INTERMEDIATE CRAFTS

(9 - 13 YEARS OLD)

- C136 Original painting, any media
- C137 Original fabric painting, any media
- C138 Ceramics
- C139 Picture on paper
- C140 Model rocket
- C141 Craft from kit
- C142 Original fabric weaving
- C143 Macramé
- C144 Decoupage
- C145 Pen & ink on wood
- C146 Pen & ink on glass
- C147 Scratch art
- C148 Wood craft
- C149 Crayon colored picture
- C150 Something from nothing
- C151 Plastic craft
- C152 Embroidery
- C153 Bookmark
- C154 Model car or truck
- C155 Model airplane
- C156 Candle
- C157 Best craft using wood, metal, or textiles
- C158 Cross stitch article
- C159 Birdhouse
- C160 Container garden
- C161 Lego, original design
- C162 Lego, from kit
- C163 Decorated flower pot
- C164 Bug collection
- C165 Craft article, foam
- C166 Latch hook
- C167 Craft, other
- C168 Knitted or Crocheted item

TEEN CRAFT

(14 - 19 YEARS OLD)

- C169 Original painting, any media
- C170 Original fabric painting, any media
- C171 Ceramics
- C172 Picture on paper
- C173 Model rocket
- C174 Painting from kit
- C175 Craft from kit
- C176 Original fabric weaving
- C177 Macramé
- C178 Decoupage
- C179 Pen & ink on wood
- C180 Pen & ink on glass
- C181 Scratch art
- C182 Wood craft
- C183 Something from nothing
- C184 Embroidery
- C185 Bookmark
- C186 Model car or truck
- C187 Model airplane
- C188 Decorated flower pot
- C189 Candle
- C190 Best craft using wood, metal, or textiles
- C191 Cross stitch article
- C192 Latch hook
- C193 Birdhouse
- C194 Container garden
- C195 Lego, original design
- C196 Lego, from kit
- C197 Bug collection
- C198 Craft article, foam
- C199 Craft article, other
- C200 Knitted or Crocheted item

OPEN CLASS
HANGING ARTS

All pictures must have wire hangers attached and have been created since previous year's fair.

- C201 Still life, oil or acrylic
- C202 Landscape, oil or acrylic
- C203 Portrait, oil or acrylic
- C204 Abstract, oil or acrylic
- C205 Water color, not acrylic
- C206 All other media of a fluid nature
- C207 Pencil, ink, charcoal, pastels
- C208 Miniature painting
- C209 Western, oil or acrylic
- C210 Animal, oil or acrylic
- C211 Cartoon, oil or acrylic
- C212 Wildlife, oil or acrylic

OPEN CLASS
ANTIQUES

Article will be displayed in glass case. A 3 inch by 5 inch card with brief history must be submitted.

- C213 Antique coin bank
- C214 Collectors bottle
- C215 Cup & Saucer
- C216 Household article, wood
- C217 Household article, tin
- C218 Household article, iron
- C219 Household article, other
- C220 Jewelry
- C221 Women's Accessory
- C222 Collector's souvenir from another country

- C223 Depression glass ware
- C224 Copper or brass article
- C225 Carnival glass ware
- C226 Men's accessory
- C227 Heirloom quilt, 40 years or older
- C228 Collector's plate
- C229 Antique doll
- C230 War Memorabilia
- C231 Antique crockery
- C232 Glassware, other
- C233 Magazine or other article with date
- C234 Book
- C235 Toy
- C236 Ceramic article
- C237 Porcelain article
- C238 Musical instrument
- C239 Eye glasses
- C240 Handkerchief
- C241 Camera
- C242 Cookbook
- C243 Shoes
- C244 Music box

OPEN CLASS
PHOTOGRAPHY

Must have been taken by the person entering and have been exposed or printed since previous year's fair. Amateur/hobby photographers only. Digital or film. **Photo size showing must be at least 5 inch by 7 inch and no larger than 8 inch by 10 inch, except for collage and picture story.** Entries must be on poster board or matte board and may or may not have a caption. An outstanding exhibit in the Junior grade division will be given the "Michelle Nichols Memorial Photography" Award.

Junior "J" - High School Grades and Under
Adult "A" - out of High School and older

Animals/Insects

CJ245 CA245 Birds
CJ246 CA246 Pets
CJ247 CA247 Farm/show animals
CJ248 CA248 Wildlife
CJ249 CA249 Insects
CJ250 CA250 Animals and people
CJ251 CA251 Oklahoma skies

Divisions

Scenic

CJ252 CA252 Landscape
CJ253 CA253 Nature
CJ254 CA254 City
CJ255 CA255 Patriotic
CJ256 CA256 Hometown Pride
CJ257 CA257 Twilight
CJ258 CA258 Emergency/
Weather
CJ259 CA259 County Fair
CJ260 CA260 Harvest Time
CJ261 CA261 Silhouette
CJ262 CA262 Vacation
CJ263 CA263 Flowers

Structures

CJ264 CA264 Barns
CJ265 CA265 Architecture
CJ266 CA266 Monuments
CJ267 CA267 Cemetery

People

CJ268 CA268 Adults
CJ269 CA269 Groups
CJ270 CA270 Children
CJ271 CA271 Children at play
CJ272 CA272 Sports action
CJ273 CA273 Selfie
CJ274 CA274 Portrait

Special

CJ275 CA275 Picture Story
CJ276 CA276 Collage
CJ277 CA277 Black and white
CJ278 CA278 Sepia
CJ279 CA279 Macro-close up

OPEN CLASS
FLOWER SHOW

- F1 Foliage plant in pot
- F2 Cactus collection
- F3 Flowering plant in bloom
- F4 Plant started from fruit seed
- F5 Cactus, single
- F6 Cactus grown from seed
- F7 Foliage or flower plant in Unusual container
- F8 Plants grown in hanging basket
- F9 Rose, hybrid tea, 1
- F10 Rose, floribundas, 1
- F11 Miniature Rose
- F12 Dahlia, 1
- F13 Sun Dahlia, 1
- F14 Zinnia, 1
- F15 Marigolds, 2 small
- F16 Marigolds, 3 giant
- F17 Periwinkle
- F18 Petunia, double
- F19 Petunia, 3 single in a bottle
- F20 Gerber Daisy
- F21 Coxcomb, 1
- F22 Best specimen, any flower not named
- F23 Arrangement of garden Flowers
- F24 Artificial arrangement
- F25 Silk flower in wicker
- F26 Christmas arrangement
- F27 Dried composition, natural
- F28 Dried composition, purchased
- F29 Arrangement of wildflowers, dried or fresh
- F30 Holiday composition, real or Artificial

- F31 African violet, single
- F32 African violet, double
- F33 Fern
- F34 Ivy
- F35 Terrarium with plants
- F36 Succulents
- F37 Miniature arrangement, no larger than 12 inches.
- F38 Wreath
- F39 Wreath, holiday

OPEN CLASS CULINARY

All baked good entries must include recipe, attached to the bottom of the disposable container they are entered in. Items requiring refrigeration can not be entered. All entries must use standard size pans—no “minis” or “jumbos” and must be entered on a disposal container.

Breads

- J1 Whole wheat bread, 1 loaf
- J2 White bread, 1 loaf
- J3 Light rolls, 3
- J4 Bread machine bread, 1 loaf
- J5 Cinnamon rolls, iced 3

Quick Breads

- J6 Quick bread, 1 loaf
- J7 Enhanced cake mix, quick bread, 1 loaf
- J8 Coffee cake
- J9 Biscuits, 3
- J10 Muffins, 3
- J11 Enhanced cake mix, muffins, 3
- J12 Cornbread, 3 pieces

Cakes

- J13 Angel food cake, glazed
- J14 Spice cake
- J15 Chiffon cake
- J16 Layer cake, white, iced
- J17 Layer cake, chocolate, iced
- J18 Bundt cake, glazed
- J19 Diabetic cake
- J20 Enhanced cake mix, cake
- J21 Cupcakes, iced, 3
- J22 Enhanced cake mix, cupcakes, 3
- J23 Decorated cake
- J24 Other type cake

Cookies, Candies and Pies

- J25 Drop cookies, 3
- J26 Chocolate Chip cookies, 3
- J27 Sugar cookies, 3
- J28 Peanut Butter cookies, 3
- J29 Rolled or Shaped cookies, 3
- J30 Bar cookies, 3
- J31 Brownies, 3- 1 1/2 inch squares
- J32 No Bake cookies, 3
- J33 Other type cookies, 3
- J34 Enhanced cake mix cookies, 3
- J35 Fudge, 3, 1 1/2 inch squares
- J36 Divinity, dropped, 3
- J37 Peanut Brittle, 1/4 pound

- J38 Candy, dipped or molded, 3
- J39 Candy, other type, 3
- J40 Fruit pie, two crust
- J41 Pecan pie

Junior Foods Class

(8 years old and younger)

- J42 Brownies, 3, 1 1/2 inch squares
- J43 Drop cookies, 3
- J44 Biscuits, 3

Junior Foods Class

(9 — 12 year olds)

- J45 Cupcakes, iced, 3
- J46 Sugar Cookies, 3
- J47 Drop Cookies, 3
- J48 Brownies, 3, 1 1/2 inch squares
- J49 Biscuits, 3
- J50 Muffins, 3
- J51 Cornbread, 3 pieces

Junior Foods Class

(13 — 18 year olds)

- J52 Fudge, 3, 1 1/2 inch squares
- J53 White Bread, 1/2 loaf
- J54 Layer cake, iced
- J55 Yeast dinner rolls, 3
- J56 Fruit, nut, or vegetable bread 1/2 loaf
- J57 Swedish tea ring



BEST OF WHEAT STATE
BREAD BAKING
CONTEST

Sponsored by the Oklahoma
Wheat Commission.

1. Recipes winning 1st place at the 2017 state contest are ineligible to compete.
2. Each entry must be prepared and baked by the person whose name is on the entry form.
3. The same person may not win Champion, Reserved Champion or Bread Machine class. Two separate people should win, unless entries do not offer that selection. **Duplicate recipes may not be entered by different family members in any class or division**
4. Recipe must accompany entry at county and state level. Entries that are eligible to compete at state level will provide 2 copies of the recipe — one at the county fair (which will be mailed to Commission office by County Extension Educator) and bring one with entry at state competition.
5. Whole grain bread class #2 — only the use of whole wheat flour and/or a whole white wheat flour. No all-purpose or Bread flour included in this category. Dough enhancers, vital wheat gluten and whole grains, in addition to whole wheat are permissible.
6. Dinner rolls should consist of 3 rolls per entry. Any shape acceptable.
7. Specialty Shapes class #11 — Let your imagination go: animals, people, objects, etc. **All garnishes must be edible.**
8. OTHER WHEAT BREADS: Class #4 and #9 will include other breads made with yeast such as cheese, French, onion, sour-dough, challah, etc. **NO QUICK BREADS. Unless yeast is used as a leavening agent. (All breads must use yeast as leavening agent.)**
9. Best of Wheat contest is to be judged separately from the county fair open class division.
10. County Champ and Reserve Champion from each division are eligible for state competition at the State Fair of Oklahoma on September _____, 2021.
11. One (1) bread machine entry from each division Class #6 and Class #12, determined by the county judge, will be eligible for state level. Bread machine entries are not eligible for County Champion or Reserve Champion at County level or eligible for Grand Champion at State Level.
12. Social Security Number is mandatory for state competition.

SENIOR DIVISION
(18 YEARS AND OLDER)

- WH1 White Bread
- WH2 Whole Wheat Bread
- WH3 Dinner Rolls
- WH4 Other Wheat Breads
- WH5 Sweet Breads
- WH6 Bread Machine

JUNIOR DIVISION
(UNDER 18 YEARS OLD
AT TIME OF COUNTY ENTRY)

- WH7 White Bread
- WH8 Dinner Rolls
- WH9 Other Wheat Breads
- WH10 Sweet Breads
- WH11 Specialty Breads
- WH12 Bread Machine

OPEN
CANNED PRODUCTS

All exhibits must have been prepared by the person entering them, since September, 2020. No artificial coloring is to be used. Unsealed jars will not place. Jars must be standard canning jars and must be pints or quarts, unless otherwise stated. Non-tinted jars only.

Canned Fruit

- J59 Apples
- J60 Apricots
- J61 Blackberries
- J62 Grapes
- J63 Plums, wild
- J64 Bing Cherries
- J65 Cherries
- J66 Peaches
- J67 Plums, tame
- J68 Pears
- J69 Rhubarb
- J70 Currants
- J71 Applesauce or Pear sauce
- J72 Pie Filling
- J73 Display of 6 jars of fruit
by 1 person

Canned Vegetables

- J74 Beets
- J75 Yellow beans
- J76 Green beans
- J77 Corn
- J78 Carrots
- J79 Peas
- J80 Greens
- J81 Soup mixture
- J82 Potatoes
- J83 Pumpkin, chunk or cubed
- J84 Squash, chunk or cubed

- J85 Sweet potatoes
- J86 Black eyed peas
- J87 Tomatoes, whole
- J88 Tomatoes, quartered
- J89 All other types of vegetables
- J90 Vegetable juice
- J91 Display of 6 jars of
vegetables by 1 person

Jellies

Must be in pint or 1/2 pint sealed canning jars.

- J92 Apple
- J93 Apricot
- J94 Berry
- J95 Plum
- J96 Cherry
- J97 Grape
- J98 Currant
- J99 Sand plum
- J100 Peach
- J101 Pepper
- J102 Mint

Preserves, jams, butters

Must be in pint or 1/2 pint canning jars.

- J103 Peach preserves
- J104 Apple preserves
- J105 Pear preserves
- J106 Watermelon preserves
- J107 Strawberry preserves
- J108 Cherry preserves
- J109 Other preserves
- J110 Apricot jam
- J111 Berry jam
- J112 Peach jam
- J113 Other jam
- J114 Apple butter
- J115 Plum butter
- J116 Peach butter
- J117 Grape butter
- J118 Other fruit butter
- J119 Pear honey

Pickles, Relishes

- J120 Peach pickles
- J121 Watermelon pickles
- J122 Sweet cucumber pickles
- J123 Dill pickles
- J124 Bread & Butter pickles
- J125 Green tomatoes pickles
- J126 Pickled okra
- J127 Pickled beets
- J128 Squash pickles
- J129 Other pickles
- J130 Hot dog relish
- J131 Sweet pickle relish
- J132 Other relishes
- J133 Picante sauce
- J134 Chili sauce
- J135 Barbeque sauce
- J136 Other sauces
- J137 Sauerkraut

Meats, Miscellaneous

- J138 Beef
- J139 Pork or Pork sausage
- J140 Chicken
- J141 Chili
- J142 Honey 1 pound or more
- J143 Dried fruits, 1 cup in a jar
- J144 Dried herbs, 1 pint
- J145 Herb vinegar, 1 pint
- J146 Herb oil, 1 pint
- J147 Themed Basket—should consist of 3 baked items or 3 canned items or a combination of 3 baked or canned items. Label items and place in a basket or box. Judged on content, color, variety and package. Items must meet same requirements as those entered in individual classes and must be items listed as fair classes.

OKLAHOMA
HOME & COMMUNITY
EDUCATION

1. OHCE members can exhibit in open class division, except livestock, poultry, antiques, and agricultural crops. Garden and fruit exhibits may be shown in their booths
2. Each OHCE group is to have 14 exhibits in their exhibit booth, all which must be different items (no duplicates of the same type entry).
3. There will also be 2 required classes in addition to the 14 in the exhibit booth that at least one member per group must enter, and all members may enter:
 - a. Photography: Photography must meet the following guidelines- Photo must be an OHCE activity and member(s), in color, photo should be no larger than 5 x 7 inches. Photo must have been taken by an OHCE member during the previous year.

Please mount photo on a mat board no larger than 5 x 7 inches; do not attach to a folder. LABEL should be placed on the back of mat board; include name, Major County and Northwest District. Also, place a label briefly describing the activity pictured and place on front of matting.
 - b. Something from an OHCE Workshop: Workshop must have been held since previous year's fair.

Every member of each group is encouraged to exhibit in their respective group's booth.
4. Champion rosettes for these two (2) required items will be awarded, sponsored by Gail Farrand, Connie Robison & Linda Slater in the memory of their mother, Bonnie Edwards.
5. Exhibits in the OHCE division will be judged separate from open class.
6. Exhibits in OHCE will receive a blue, red, or white placing. No premiums will be awarded. Champion rosettes will be sponsored by Gail Farrand, Linda Slater & Connie Robison, in the memory of their mother, Bonnie Edwards, in the following divisions: home furnishings, sewn items, knitting and crocheting, needlework, special craft, hanging arts, photography, flowers, breads, quick breads, cakes, cookies, candies, ~~pies~~, canned fruit, canned vegetables, jellies, preserves, jams and butters, pickles and relishes, canned
7. Judging will correspond to the judging of open class

EDUCATIONAL BOOTH

1. Booth must be on an OHCE lesson.
2. Booth must relate a message to the audience.
3. Booth theme should be submitted to the Extension Office.
4. Groups will receive prize money from Major County Fair as follows:

1st place - \$20.00; (50.00)

2nd place - \$15.00; (40.00)

3rd place - \$10.00; (30.00)

Fair Participation Award

Points will be awarded for the following:

Educational Booth — **50 points**;

Open Class Entries — **2 points each**, maximum 20 points (must be registered with superintendent on the first day of the fair); OHCE Division

Entries:

Champ **5 points**

Blue **4 points**

Red **3 points**

White **2 points**

If more than 16 exhibits are entered in the division, the 16 to be counted for participation award must be designated prior to judging, with superintendent being informed, as well.



MICHELLE NICHOLS MEMORIAL LIVESTOCK AWARD

This award will be given annually to the top junior livestock exhibitor in Major County. The award will be based upon the highest placing three animals from the free fair in the fall (30%) and the three highest placing animals from the spring junior livestock show (30%). Point cards will be due 30 minutes after each species is complete. The top 10 exhibitors based on animal show event

JUNIOR LIVESTOCK
DIVISION 4-H & FFA



***ALL EXHIBITS MUST BE PRE-ENTERED! Pre-Entry required anytime between 8:30 a.m. on Monday, August 2 to and 5:00 p.m. on Friday, August 27. Pre-Entry must be completed by 5:00 p.m. on Friday 27. Use the pre-entry form included in the center of this book.**

1. Each Exhibitor must be a bona fide member of a 4-H or FFA chapter in Major County by September 3, 2021.
2. Refer to schedule in front of book for all times.

3. Exhibits must be owned and personally cared for, for a period of 90 days on steers, 30 days on prospect steers, 60 days on swine, sheep, and goats, and 30 days on breeding stock, by the exhibitor in whose name it is entered. Exhibitors will not be permitted to enter livestock in open classes that they have shown or expect to show in the junior division.
4. NO PAINT OR ARTIFICIAL COLORING IS ALLOWED TO BE USED ON ANY LIVESTOCK. ANY RESIDUE FROM PREVIOUS SHOWS MUST BE REMOVED.
5. Exhibitors eligible for the showmanship award must show their own animal, exhibitors must be enrolled in 4-H or FFA in Major County and show in the junior division.

There will be 3 divisions:

(Grade as of day of show)

Junior Grades 3-5

Intermediate Grades 6-8

Senior Grades 9-12

6. Two entry cards for sheep, beef, goats, and swine should be filled out with weight. One card will be turned in for entry and the second will be retained to present in the show ring upon completion of the class. Hogs must have pseudo-rabies number and premise ID number on the entry card.
7. All Swine cards are due by 8:00a.m., Saturday, September 11, Swine Show starts at 10:00a.m., followed by Beef Show, beef cards will be due by the time the grand drive starts for swine.

8. There will be a random weigh back.

9. Market classes will be divided as evenly as possible with no class to exceed 8 entries.

10. Any individual showing an animal for another junior exhibitor must be a member of a Major County 4-H or FFA Chapter.

11. ANIMALS WILL BE RELEASED WHEN ALL OTHER EXHIBITS ARE RELEASED.

BEEF

Show order: Heifers, Prospects, Markets, Showmanship

1. Steers and commercial heifers will be shown by weight. Cards must be turned in by the time the grand drive starts for the previous species, Saturday, September 11, 2021.

2. NO PAINT, NO GLUE.

3. Prospect steers will weigh 1000 pounds and under.

4. Market steers will weigh 1000 pounds and over.

5. Beef breeding classes consist of all purebreds represented. Heifers must be registered in the exhibitor's name and papers must accompany entry. Commercial heifers will be weighed. Classes will be divided at the discretion of the beef superintendent.

6. Breed Champ will receive an award and ribbon. Reserve Champ will receive a ribbon. Grand/Reserve will receive an award.

HEIFERS

All pure breed heifers with papers will be offered a class within their breed. Commercial heifers will be shown by weight. Breeds will show alphabetically followed by Low Percentage and Commercial. Chianina will show with Chianina. Heifer age is **September 1, 2019, and younger (same as OK City).**

PROSPECT STEERS

The following breeds will be recognized with classes available for each breed. Breeds will show alphabetically with AOB last. Lightest weight of class will show first.

Angus	Herford
Shorthorn	AOB

MARKET STEERS

The following breeds will be recognized with classes. Other recognized breeds will be added, as needed. Lightest weight of class will show first.

DAIRY

1. Dairy classes will be divided into two classes, heifers 12 months and under and heifers 13—24 months.

2. Champions will receive an award and ribbon.

3. The following breeds will be recognized with classes available for each breed. Youngest will show first.

Ayrshires	Brown Swiss
Guernsey	Holstein
Milking Shorthorn	Jersey
	Red Polled

GOATS

Show order: Does, wethers, Showmanship

1. Goats weight cards must be turned in by 10:00 a.m. on Friday, September 11, 2021.
2. Classes will be divided by weight.
3. Does and wethers will show separately.
4. All breeds will show together.
5. Grand Champion/Supreme and Reserve Grand/Supreme will receive an award.

SHEEP

Show order: Ewes, wethers, Showmanship.

1. Market wether weight cards must be turned in by the time the grand drive starts for the previous species. Saturday, September 11, 2021.
2. EWES WILL SHOW AS BREEDING STOCK, NOT MARKET.
3. Registration papers are required for ewe lambs.
4. All lambs must be slick sheared.
5. Champion in each breed will receive an award and ribbon. Reserve Champion will receive a ribbon. Grand Champion-Supreme and Reserve Grand-Supreme will receive an award.

EWE LAMB

The following breeds will be rec-

ognized with classes for each breed. There will be a lamb and yearling lamb class. Youngest will show first.

Dorset Hampshire Shropshire
Southdown Suffolk Crossbred

MARKET WETHERS

The following breeds will be recognized with classes for each breed. Lightest weights will show first.

Dorset Hampshire
Natural Shropshire South-
down
Speckle-face Suffolk Cross-
bred

SWINE

1. There will be no top weight limit.
2. All swine exhibited at the Major County Free Fair must have a negative pseudo-rabies test after June 1, 2020, and must have an official ear tag in the right ear. Tag number must be on entry card.
3. All Swine cards are due by Saturday, September 11, 8:00a.m., Swine Show starts at 10:00a.m.
4. Champion in each breed will receive an award and ribbon. Grand Champion/Supreme and Reserve Grand/Supreme will receive an award.

**4-H and FFA
POULTRY AND RABBITS
(REFER TO OPEN DIVISION
POULTRY AND RABBITS FOR
FULL RULES AND DEFINITIONS)**

GILTS

The following breeds will be recognized with classes for each breed:

Berk Chester Duroc Hamp
Poland Spot York Cross

Registration papers are required to be eligible for these breeds. Classes to be broken by Age. Unregistered gilts will show as commercials, to be broken by weight.

STANDARDS- DIVISION P07
(Same for each breed)
B-19 Cock
B-20 Hen
B-21 Cockerel
B-22 Pullet
AB-20 Hen
AB-21 Cockerel
AB-22 Pullet

BARROWS

The following breeds will be recognized with classes for each breed.

Berk Chester Duroc Hamp
Poland Spot York Cross

BANTAMS- DIVISION P08
(Same for each breed)
B-23 Cock
B-24 Hen
B-25 Cockerel
B-26 Pullet

4-H & FFA
LIVESTOCK JUDGING

Junior Division Grades 3-7
Senior Division Grades 8-12

DUCKS- DIVISION P10
(Same for each breed)
B-31 Drake
B-32 Duck

Categories will be:

Junior 4-H Individual
Junior 4-H Team
Senior 4-H Individual
Senior 4-H Team
Green hand FFA Individual
Green hand FFA Individual
Senior FFA Individual
Senior FFA Team

GEESE- DIVISION P11
(Same for each breed)
B-33 Gander
B-34 Goose

RABBITS- DIVISION P13
(Same for each breed)
A-06 Senior Buck
A-07 Junior Buck
A-08 Senior Doe
A-09 Junior Doe
A-10 Meat Pen



4-H & YOUTH **DEVELOPMENT** **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 without permission from the original creator.

If 4-H'er applies for and is granted permission to use a copyrighted or trademark protected item, a copy of the permission form or letter needs to be attached to the back of the exhibit and properly cited with an asterisk (*) or number. 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.**

NOTE: Posters in section 4300 MUST include the 4-H Clover or mention 4-H. Posters in other sections/classes are encouraged to but are NOT required to include the 4-H Clover or mention 4-H unless requested in section/class description.

SIGNING AND DATING

EXHIBITS

Exhibits should be permanently signed and dated, in an inconspicuous location, if material permits. Some exhibits that should be signed and dated are posters, most expressive arts and crafts including fine art, ceramics, wood-working 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 2017), 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. For more information on proper use of the 4-H clover please refer to <http://4h.okstate.edu/educators/4-h-name-and-emblem>.

**COMMUNICATION AND
EXPRESSIVE 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 de-

signs must not be used due to copyright restrictions. **For display purposes, exhibitors are encouraged to laminate or cover all posters with clear plastic film.**

Each county is limited to one poster per class. Individual 4-H member is restricted to those exhibits designed for his or her grade group.

The 4-H member's name, grade before September 1, and county should be on the back of the poster in the upper left hand corner. All exhibitors must be at least 8 years old AND in the 3rd grade by September 1, 2021.

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.. For more information on proper use of the 4-H clover please refer to <https://4h.okstate.edu/educators/clover-and-emblem/index.html>

Beginner Division (Grades 3-5)

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

Intermediate Division
(Grades 6-8)

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

Advance Division
(Grades 9-12)

7. 4-H promotional poster designed to recruit 4-H members, volunteers, promote any 4-H event or promote any 4-H project.
8. Poster designed to promote 4-H using the national theme "4-H Grows Here".

9. Poster recognizing or documenting one of the following: Oklahoma 4-H history during one decade or the evolution of a particular 4-H project area over the decades.

SECTION 4301
EDUCATIONAL BOOTH
DISPLAY

All grades are accepted in each 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. Displays may be prepared by an individual or group from a county. Criteria for judging will be (1) effectiveness of the message, (2) appropriateness to the theme, (3) interest and attractiveness to the public.

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

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

EXHIBIT IN THIS SECTION 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 for hand drawn clovers.

All exhibitors must be at least 8 years old AND in 3rd grade by September 1, 2021.

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

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

Class

1. Educational Booth Display (other than community recruitment, current youth issue, event, etc.
2. Community Service Booth Display – Sharing about a community service that a 4-H member or county 4-H group has done. Should include pictures, examples, and scope of projects. The impact on others will be an added criterion for judging. Project should be the extension of a 4-H project area.
3. Display using the theme "4-H Grows Here".

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 Level**, and may enter only one exhibit per class in that level. All Grades within each level are before September 1 of the current calendar year.

DIGITAL PHOTOS may be entered. Adjustments to digital photographs are limited to color and contrast adjustments, cropping, gray scaling, exposure adjustments, and red eye reduction (with the exception of classes 25 – 28).

PRINTS: Black and white or color prints may be exhibited. Prints must be no smaller than “4 x 6” and no larger than 5” x 7” (except when panoramic prints are used) for all classes, except classes 5, 10, 14, 18, and 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.**

TITLES, CAPTIONS AND OTHER REQUIRED INFORMATION: On the front of the board there must be a title (i.e. My Trip to the Zoo, or My Favorite Photo) **and** each photo must have a caption giving the viewer more information about

the photograph. The back of each board must include the exhibitor’s name, county, number of years in the 4-H photography project, camera type (digital SLR, smart phone, digital point and shoot or 35 mm film), and megapixels (if camera is digital). If the exhibitor is entering classes 11 and 16, please include the film speed or digital ISO, shutter speed, and aperture (if the camera is adjustable).

BOARDS: Prints must be securely attached to the surface of a single **black or white** (not colored) poster board, foam core, or mat board. Photos will be disqualified if on regular printing paper or cardstock. 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 14” x 14” for all classes.

PHOTOGRAPHY EXHIBITS

Level 1: Focus on Photography Junior Classes – Grades 3-7

(for members who have beginning skill level)

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 – Grades 8–12
(for members who have beginning skill level)

6. Four (4) photos, one from each of the following categories: people, animals, plant life and scenery.

7. Four (4) photos of people doing different things, showing a variety of activities, camera angles and lighting choices.

8. Four (4) 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 four (4) photos telling a story or illustrating a single event.

10. Best individual photo made this year.

Level 2: Controlling the Image

Junior Classes Grades 3-7 (for members who have intermediate skill level)

11. Four (4) 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 showing use of film speed of digital ISO, please include the film speed or digital ISO, shutter speed and aperture (if the camera is adjustable)

13. Four photos showing effect (lighting, media, techniques and processes). The caption for each photo or the title of board must explain the ideas being illustrated.

14. Best individual photo made this year.

Senior Classes Grades 8-12 (for members who have intermediate skill level)

15. Four (4) 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 showing use of film speed or digital ISO, shutter speed and aperture (if the camera is adjustable).

17. Four photos showing effect (lighting, media, techniques and processes). The caption for each photo or the title of board must explain the ideas being illustrated.

18. Best individual photo made this year.

Level 3: Mastering Photography

All Grades (for members who have advance skill level)

19. Four (4) 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 or ideas 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 single black or white poster board, form core or mat board 14" x 14".

23. **Junior Class** (Grades 3-7)

24. **Senior Class** (Grades 8-12)

DIGITALLY ALTERED 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 on a single black or white poster board, foam core or mat board 14" x 14". Attach up to ½ page of written explanation of alterations to the back of the exhibit. Trademark images may not be used.

25. **Junior Classes** (Grades 3-7)

26. **Senior Classes** (Grades 8-12)

**DIGITALLY ALTERED
SCANNED IMGRADES**

Exhibit must include the original images labeled "original images", and the digitally altered images labeled "altered images". Alterations are beyond common photography techniques of red eye removal, cropping, etc. Must be on a single black or white poster board, foam core or mat board 14" x 14". Attach up to ½ page of written explanation of alterations to the back of the exhibit. Trademark images may not be used.

27. **Junior Class** (Grades 3-7)

28. **Senior Class** (Grades 8-12)

**SECTION 4303
EXPRESSIVE ARTS**

Juniors Class (Grades 3-7)

Senior Class (Grades 8-12)

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 may mark exhibit with Fair and Year (for example: OKC, 2021), if not signed and dated. Effort will be made to mark in an inconspicuous place. All exhibitors must be at

least 8 years old AND in 3rd grade by September 1, 2021. Exhibits will be displayed as space allows.

**PAINTINGS, DRAWINGS AND
OTHER ITEMS THAT ARE TO BE
HUNG MUST HAVE A HANGER
ATTACHED OR THEY MAY NOT BE
DISPLAYED.**

Classes

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)
11. Jr. Bead Craft Article
12. Sr. Bead Craft Article
13. Jr. Leather craft ---- Kit
14. Sr. Leather craft ---- Kit
15. Jr. Leather craft ---- Original Design
22. Sr. Leather craft ---- Original Design
23. Jr. Hand Crafted Wax Candle
24. Sr. Hand Crafted Wax Candle
25. Jr. Hand Crafted Gel Candle
26. Sr. Hand Crafted Gel Candle
27. Jr. Puppet
28. Sr. Puppet

- 25. Jr. Paper Craft
- 26. Sr. Paper Craft
- 27. Jr. Plastic Craft: includes but not limited to Lego™ Art. If Lego™ Art is entered, it must be glued.
- 28. Sr. Plastic Craft: includes but not limited to Lego™ Art. If Lego™ Art is entered, it must be glued.
- 29. Jr. Duct Tape Craft.
- 30. Sr. Duct Tape Craft.
- 31. Jr. Miscellaneous: limited to items that cannot be entered in any other class.
- 32. Sr. Miscellaneous: limited to items that cannot be entered in any other class.

Exhibits displayed as posters must be constructed on poster board 14" x 22" (1/2 of a poster board). They may be horizontal or vertical.

Posters will be judged on (1) educational idea portrayed, (2) public appeal, and (3) creative and original ability presented.

Copyrighted or trademarked cartoon characters or other designs **must not be used** due to copyright restrictions. For poster exhibit displays purposes, exhibitors are encouraged to laminate or cover all posters with clear plastic film. **Text of posters should be readable from at least 10 ft. away.**

Promotional exhibits in this section must include an official 4-H Clover or mention 4-H. For more information on proper use of the 4-H clover please refer to <http://4h.okstate.edu/clover-name-and-emblem>.

Flat flyer - (one-sided) designed by the exhibitor to promote a club or county 4-H educational 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 poster board.

SCIENCE AND TECHNOLOGY

SECTION 4304

4-H TECHNOLOGY EXHIBITS

The 4-H technology exhibits are open to all grades. They will be judged separately in two grade groups.

Juniors (Grades 3-7)

Seniors (Grades 8-12)

Every exhibit must be labeled on the back with the following information: Name, Club, County, Grades before January 1 and date poster or exhibit was made.

Copy written material such as professional photos, books, publications or items on the internet **should not be used** as original.

1. **Juniors** (Grades 3-7)

2. **Seniors** (Grades 8-12)

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 poster board no larger than 14" x 22" – ½ of a poster board. Attach a large envelope to the back of the poster board and insert a folded copy of the brochure.

3. **Juniors** (Grades 3-7)

4. **Seniors** (Grades 8-12)

PowerPoint Presentation related to 4-H. Can be PowerPoint, Google slides or any other presentation program. Presentation should either promote 4-H or educate about a 4-H project. Presentations should include an official 4-H Clover or mention 4-H. Presentation entry includes a printout of at least 5 slides and script/presentation notes in a folder or notebook.

All PowerPoint presentations should be mounted on a free standing display board not to exceed 3' X 4' 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' or committees' discretion.

5. **Juniors** (Grades 3-7)

6. **Seniors** (Grades 8-12)

Digital Media for a group or club project - Submit a video (maximum of 1 minutes) designed for social media use on STEM projects. The video must be in an .MP4 format and submitted on a flash drive. Video may only contain first names of the participants and participants must have a signed media release form on file in their county 4-H office (found on the 4-H enrollment card.)

7. **Group Media**

Stem Career Poster 4-H members should research careers in STEM before developing their poster exhibit. Posters should highlight the variety of STEM related careers and follow the Technology Exhibit poster guidelines and criteria.

8. **Junior Poster** (grades 3-7)-
Draw a Scientist

9. **Senior Poster** (grades 8-12)-
Careers in STEM

**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 grade groups.

Juniors (Grades 3-7)

Seniors (Grades 8-12)

Every exhibit must be labeled on the back with the following information: Name, Club, County, Grade and date poster, map or exhibit was made.

Posters/Maps must be 14" x 22" - 1/2 of a poster board.

Exhibitors are encouraged to laminate all posters or cover them with clear plastic film. Maps may be affixed to poster board. The map itself doesn't have to be the full 14" X 22".

Displays must be free standing and not be larger than 3' x 3' (width x depth) with sides extended for display.

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

10. **Juniors** (Grades 3-7)

Display illustrating how GPS has been used to improve society.

11. **Seniors** (grades 8-12)

Geocache box. Exhibit would include geocache box with contents, description & photograph of the location in which the box will be located. (Check <https://www.geocaching.com/play> for instructions on placing and describing)

12. **Juniors** (Grades 3-7)

13. **Seniors** (Grades 8-12)

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

14. **Juniors** (Grades 3-7)

15. **Seniors** (Grades 8-12)

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

16. **Juniors** (8Grades 3-7)

17. **Seniors** (Grades 8-12)

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 grades. They will be judged separately in two (2) grade groups.

Juniors – Grades 3-7

Seniors – Grades 8-12.

Every exhibit must be labeled on the back with the following information: Name, Club, County, Grade 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
- Grade of member
- Whether or not made from kit
- Other pertinent information

Each exhibit should have a one (1) 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.

Programmable or remote control Robot

18. **Juniors** (Grades 3-7)

19. **Seniors** (Grades 8-12)

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

20. Juniors

21. Seniors

Projects Group Developed by two (2) or more 4-H members working together (Include all 4-H members' information involved on index card)

22. Programmable or Remote-Controlled Robot

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

Engineering Design Challenges

Criteria:

Engineering design challenges are intended to encourage 4-H members to use the Engineering design process to create their own projects. These projects should include an engineering notebook, journal or description which answer the following questions about their project. Projects without an engineering notebook will be judged accordingly. Projects with notebooks will place before projects without notebooks, journals, or descriptions.

- What is the challenge or task of your project (Example: Throw a marshmallow six feet, incorporate technology into clothing, create alternative energy, design and build a rubber band powered car, etc.)

- Draw your design
- How did you test your design?
- What were the results?
- How did you change your design to improve it?
- Did you retest it? Did the results improve?
- Describe your final design and does it work?

Engineering Design Challenges will be judged based on creativity, design, function, and recordkeeping (journal or engineering notebook).

Juniors - Grades 3-7

Seniors – Grades 8-12.

Marshmallow catapult challenge design task

Design requirements: Design a trebuchet-style swing arm **catapult**. **It may be similar to a teeter-totter or swing set.** The beam (arm) is able to swing (go up and down). The arm of the catapult must be adjustable from the center to an offset (One side of the beam is longer from center pivot point). Use at least five (5) different types of materials or parts (craft sticks, brads, dowels, etc.). Use weights and gravity as the power source. Launch a marshmallow at least six (6) feet..

24. Juniors - Grades 3-7

25. Seniors – Grades 8-12.

Alternative Energy Design Challenge

Design and build a device to utilize wind, solar, or water power. Commercially available parts are acceptable but the majority of the project must be homemade by the member.

Must fit entirely within a 12-inch cube (12"X12"X12"). A journal or notebook should be included to describe the creation, purpose and function of the device. References for this project may include but are not limited to:

Wind Power

•4-H Power of Wind Curriculum: <https://shop4-h.org/products/power-of-the-wind-curriculum-set-of-2>

•2011 NYSD Wired for Wind: <https://4-h.org/parents/national-youth-science-day/wired-for-wind/>

Solar Power

•Solar Powered Housed Activity <https://shop4-h.org/products/solar-powered-houses-activity-kit>.

•Solar Powered Car Activity <https://shop4-h.org/products/solar-powered-car-activity-kit>.

26. Juniors Grades 3-7

27. Seniors Grades 8-12

Wearable Technology Design Challenge

Design a piece of wearable technology. Commercially available parts are acceptable but the majority of the project must be homemade by the member. A journal or notebook should be included to describe the creation, purpose and function of the device. Resources for this project may include but are not limited to:

References:

- WearTec Curriculum Series books 1-4: <https://shop4-h.org/products/weartec-1-circuitry-leaders-guide>
- 2017 NYSD Incredible Wearables: <https://4-h.org/parents/national-youth-science-day/4-h-nysd-2017-incredible->

wearables/

28. Juniors Grades 3-7

29. Seniors Grades 8-12

Rubber Band-Powered Vehicle Design Challenge

Design a wheel-driven vehicle, powered only by one rubber band (size #64 approx. ¼" wide by 3½" long by 1/32" thick.), which will transport a one-pound "load" (box of baking soda approx. size: 3½" x 4½" x 2") at least 9 feet (on a smooth flat floor) while remaining within the boundaries of a 3 ft. wide parallel track (marked off with masking tape). Speed is not a criteria.

There are no restrictions on materials, size, weight or number of wheels. However, the only energy source permitted is the elastic energy of one rubber band. Commercially assembled vehicles are NOT permitted. However, commercially manufactured components may be used as parts of the vehicle. The vehicle must be self-starting (i.e., no pushing, external power starts, etc.).

Propulsion of the vehicle must be through the wheels (i.e., no propellers, no launching mechanism). Transferring the energy of the rubber band to wheels via gears, fly wheels, etc., is encouraged. No remote-control devices are permitted.

A journal or engineering notebook should be included to describe the creation, purpose and function of the device. Explain how you built and tested your vehicle and if you made any modifications. Chart or graph collected data and explain how you measured improvements in your engineering notebook or journal.

30. Juniors Grades 3-7

31. Seniors Grades 8-12

The Future of Agriculture Research Challenge Displays

The future of agriculture research displays will illustrate current research and forward/futuristic thinking that is changing the field agriculture and agricultural based careers. 4-H members will research current trends, future thoughts and ideas for continuing to effectively feed the world. These projects should have a minimum of three scholarly references identifying where and when the information was published.

These projects may:

- Describe the challenging need for increased food production for a growing population.
- Describe a new agricultural production technique or an emerging agricultural technology that will enhance or improve our agricultural and food production systems.
- Illustrate a new vision for the future of agriculture.

- Describe new STEM-based careers in agriculture.

Research displays should use research-based information and resources to answer questions similar to the following, "What will the future of Agriculture look like?", "How will agriculturalist feed an ever-growing population?" or "What are future careers in agriculture?"

All research displays should be mounted on a free-standing display board not to exceed 3' x 3' 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. Displays should be readable/understandable from a distance of 10 ft. A complete research report should be included with the display in a notebook.

32. Juniors Grades 3-7

33. Seniors Grades 8-12

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: The WWW Virtual Library: Science Fairs - <http://physics.usc.edu/~gould/ScienceFairs/>
Information about Oklahoma

Science Fairs - <http://ossef.zfairs.com/>

Displays must be free standing and are limited to 3' X 4' (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.

Displays without reports will be judged accordingly. Displays with reports will be placed above those missing reports.

The end product is being evaluated on the skills learned/mastered. The skill sheet serves as the member's "personal reflection" and communicates to the judge what was learned. Why is this important? Because in 4-H, the reflection and application of what was learned is more important than the end product/exhibit. The skill sheet is to be used as a planning tool. It is important that each 4-H member take responsibility for the life skill of "learning to learn." This may require members, leaders and educators to look up terms and learn techniques as part of the educational process. Resources, instructions and project guides are [posted](#) online. Members are encouraged to seek out other valid resources which teach proper technique and knowledge in the areas of design and construction.

General Skills to be mastered in project/product in ADC, IDC and HTDC:

•**Structural Design:** Construction technique, size, form, color and texture suited to the materials and product end use.

•**Elements of Design:** The finished product illustrates the member is learning or "mastering" the basic elements of design - line, shape or form, texture, color, and space.

•**Principles of Design:** The finished product illustrates an awareness and application of the principles of harmony, proportion, balance, rhythm and emphasis adding dimension, interest and/or appeal to the finished product.

•**Surface Design:** Any lines, shapes, colors, textures, or materials applied to the product or item design that creates an emotional or personal quality, individuality and creative expression without disturbing initial/end purpose. Design is that "*something*" which makes the item unique to the individual designer.

Reports/Descriptions/Expense

Sheet/etc. – Exhibits requiring a report/description/expense sheet of any kind, can be typed or neatly/legible hand written. Report should be one-two pages. If typed, it must be double spaced using a minimum of 12-point font. **Report MUST be SECURELY attached to the exhibit.**

Apparel Design & Construction – (ADC)

Level 1 (Grades 3-4) – Be sure to review section 4306 general instructions. Project must have at least two (2) of the skills/techniques for the [ADC Level 1](#) project work. Some classes have specific Level 1 skills/techniques which must be incorporated into the exhibit.

1. **Simple Tops** (shirt, tank top, t-shirt, vest, poncho, costume, or any other **similar** simple top). No lined garments. Exhibits in classes 01 and 02 are to be SIMPLE. Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings Level 1 Mastery Sheet: [Buttons](#), [Casing](#), [Hem](#), [Seams](#), [Seam Finishes](#).

2. **Simple Bottoms** (shorts, capris, pants, skirts, costume, or any other **similar** simple bottom). Garments are not to be lined, have pockets or a zipper. Exhibits in classes 01 and 02 are to be SIMPLE. Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings Level 1 Mastery Sheet: [Hem](#), [Seams](#), [Seam Finishes](#), [Waistband](#).

3. **Non-human Apparel** (doll, pet or livestock garment/costume, or any other **similar** item)

4. **Simple Sewn Fashion Accessory** (sewn hat, scarf, bag, wallet, purse, mittens, string-pack or textile based jewelry, or any other **similar** sewn fashion accessory)

5. **Knitted/Crocheted Fashion Accessory** (knitted/crocheted hat, scarf, bag, wallet, string-pack, or textile based jewelry, or any other **similar** knitted/crocheted fashion accessory). Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 1 Mastery Sheet: Crochet, Knitting.

Level 2 (Grades 5-6) - Be sure to review section 4306 general instructions. Project must have at least two (2) of the skills/techniques for the [ADC Level 2](#) project work. Some classes have specific Level 2 skills/techniques which must be incorporated into the exhibit.

6. **Lined or Unlined One-piece garment with facing** (top, robe, jacket, dress, jumpsuit, vest, costume, or any other **similar** one-piece garment with a facing). Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 2 Mastery Sheet: [Facing](#), [Interfacing](#), [Seam Finish](#).

7. **Lined or Unlined Bottom with one or more: pocket, waistband or facing** (shorts, capris, pants, skirts, costume, or any other **similar** bottom.) Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings [in the Level 2 Mastery Sheet: Facing, Pocket, Waistband, Zipper.](#) No invisible zippers in level 2. Waistband can be a flat front band and elastic back.
8. **Lined or Unlined Two-piece Garment** with one or more: pocket, waistband or facing (coordinating top and bottom, jacket/vest with bottom/dress, PJ's, costume, or any other **similar** two-piece garment). Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 2 Mastery Sheet: [Facing, Pocket, Waistband.](#) No invisible zippers level 2. Waistband can be a flat front band and elastic back.
9. **Non-human Apparel** (doll, pet or livestock garment/costume, or any other **similar** item)
10. **Sewn Fashion Accessory** (sewn hat, scarf, bag/string-pack/purse/backpack/hip pack, wallet, or textile based jewelry, or any other **similar** sewn fashion accessory)
11. **Knitted/Crocheted Fashion Accessory** (knitted/crocheted hat, scarf, bag, wallet, string-pack, or textile based jewelry, or any other **similar** knitted/crocheted fashion accessory). Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 2 Mastery Sheet: Crochet and/or Knitting.
- Level 3 (Grades 7-8) - Be sure to review section 4306 general instructions. Project must have at least two (2) of the skills/techniques for the [ADC Level 3](#) project work. Some classes have specific Level 3 skills/techniques which must be incorporated into the exhibit.**
12. **Blouse/Shirt with sleeves and closure.** Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following Sheet: [Buttons and Buttonhole, Fasteners, Sleeves, Zipper.](#) No jackets, coats or vests.
13. **Lined or Unlined Bottom with zipper and pocket(s)** Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 3 Mastery Sheet: [Interfacing/Underlining, Lining, Pockets, Zippers.](#) Pocket style must be one described on the skill sheet.

14. **Lined or Unlined Two-piece garment** (coordinating top and bottom, jacket/vest with bottom/dress, PJ's, uniform, costume, or any other **similar** two-piece coordinate). Exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 3 Mastery Sheet: [Buttons and Buttonhole, Fasteners, Interfacing/Underlining, Lining, Pockets, Sleeves, Zipper.](#)

15. **Sewn Fashion Accessory** with closure/fastener and seams. (Examples: hat/earmuffs, wallet, bag/purse/backpack, costume accessory (such as gloves, apron, bustier), textile based jewelry, or any **similar** sewn accessory. See specific skills/techniques listed under the following headings Level 3 Mastery: [Buttons and Buttonholes, Fasteners, Seams, and Seam Finish](#) which may apply.

16. **Fashion Garment or Accessory** created by Knitting/Crocheting/Tatting/Felting or similar technique. No accessory is to be constructed from commercial/purchased fabric (woven, knit, felt, etc.) Knitted or crocheted exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 3 Mastery Sheet: Crochet and/or Knitting.

17. **“Redesigned” Original Apparel/Fashion Garment** with before and after (garment being worn) pictures and a written description of the design and construction process/steps the member undertook and reason(s) for “redesign.” See [Frugal Fashion](#) Instruction Sheet and other OK [Recycle and Redesign](#) resources.

Level 4 (Grades 9-12) - Be sure to review section 4306 general instructions. Project must have at least two (2) of the skills/techniques required for the [ADC Level 4](#) project work. Some classes have specific Level 4 skills/techniques which must be incorporated into the exhibit.

18. **One-piece lined or unlined garment** (pants, skirt, coat, jacket, dress, jumpsuit, uniform, formalwear, costume, or any other **similar** garment) with two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 4 Mastery Sheet: [Collar/Cuff, Buttons and Buttonholes, Fasteners, Hem, Interfacing/Underlining/Interlining, Lining, Seam, Seam/Finish, Zipper.](#)

19. **Two-piece lined or unlined ensemble/coordinate** (coat/jacket/vest/shirt/blouse with dress/pants/slacks/skirt/etc., suit, costume, or any other **similar** two-piece coordinate with two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 4 Mastery Sheet: [Collar/Cuff](#), [Buttons and Buttonholes](#), [Fasteners](#), [Hem](#), [Interfacing/Underlining/Interlining](#), [Lining](#), [Seam](#), [Seam/Finish](#), [Zipper](#).

20. **Fashion Garment or Accessory** created by Knitting/Crocheting/Tatting/Felting or similar technique. No accessory is to be constructed from commercial/purchased fabric (woven, knit, felt, etc.) Knitted or crocheted exhibit must have two (2) or more of the specific skills/techniques listed under any of the following headings in the Level 4 Mastery Sheet: Crochet and/or Knitting.

21. **Functional Fashion Accessory or Garment designed for Special Needs.** *“Special Needs” being the individual requirements of a person with a mental, emotional, physical disability or disease.* **MUST** include a description of whom it was made for, why the need, any special adaptations per the individuals request and any other pertinent information sup-

porting the finished product. (Examples of fashion accessories or garment: apron/tidy-top; garment adaptation; mastectomy pillow; cancer cap/hat; slippers/shoes; wheel chair - coat, gloves, backpack, cell phone caddy; etc. This exhibit is for fashion accessories and garments worn by the person. See IDC class 40 for other special needs item.) See [Citizenship through Service Learning](#) and [Sewing for Special Needs](#) instructions.

22. **Recycling/Upcycling Apparel on a Budget** – Focus is on the skill/technique mastery applied to the recycling/upcycling of a garment with a budget of \$10. Must include an expense sheet for any supplies/garments purchased. In kind or on hand supplies (thread, fabric/trim scraps, buttons, interfacing, etc.) used in the design and construction are also to be listed on the expense sheet. Exhibit must include before and after (garment being worn) pictures and a written description of the design and construction process/steps the member undertook. See [Frugal Fashion](#) Instruction Sheet and other OK [Recycle and Redesign](#) resources.

**** See Class 23 All Grades: Apparel Design Project Portfolio.**

All Grades - ADC

23. All Grades: Apparel Design

Project Portfolio: A portfolio is a great record keeping tool. It will be a valuable source for ideas and future projects, a place to share any project work done in ADC, and provide a place to show samples of new techniques or knowledge explored in ADC. It is a notebook with three (3) sections – 1) Projects/Products, 2) Sample Technique Pages and 3) Creative Inspirations and Ideas. See [Design Portfolio](#) instructions. All Portfolios, regardless of grade, will be judged together.

INTERIOR DESIGN & CONSTRUCTION - (IDC)

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

Level 1 (Grades 3-4) - Be sure to review section 4306 general instructions. Project must have at least two (2) of the skills/techniques required for the [IDC Level 1](#) project work. The following headings on the Mastery Sheet will apply to many of the projects

listed: [Buttons, Casing, Gathering, Hem, Seam, and Seam Finish.](#)

24. **Home Accent Kitchen:** apron, food caddy/warmer, appliance cover, message center/board, simple curtains, table cloth, simple table runner, hand/dish towel, potholders, hot pad, lunch bag, (1) placemat, (2) napkins, or any other **similar** item for the kitchen. *All exhibits should illustrate some skill mastery of hand or machine sewing techniques*

25. **Simple Storage Bag without zipper:** laundry, jewelry, cosmetic/toiletry/shaving/pencil, book/electronic cover, or any other **similar** bag for home/school/office/shop/vehicle/exercise/hobby/barn/etc. No fashion accessory type bags.

26. **Home Accent Storage:** bucket caddy, hanging storage unit, under-bed storage, basket liners, storage box, locker storage, scrapbook cover, or any other **similar** item. No bags.

27. **Seasonal Décor sewn from fabric:** table runner, (1) placemat with napkin, wall hanging, yard flag/banner/windsock, centerpiece, decoration, or any other **similar** item, sewn by hand or machine stitching. **This class is not intended for full size quilts/blankets which do not fit “seasonal décor.”**

Level 2 (Grades 5-6) - Be sure to review section 4306 general instructions. Project must have at least two (2) of the skills/techniques required for the [IDC Level 2](#) project work. The following headings on the Mastery Sheet will apply to many of the projects listed: [Buttons and Buttonhole](#), [Casing](#), [Crochet](#), [Darts](#), [Facing](#), [Fasteners](#), [Gathering](#), [Hem](#), [Interfacing](#), [Knitting](#), [Pleats](#), [Seam](#), [Seam Finish](#), and [Zipper](#).

28. **Home Accent Bedroom:** Examples: two pillow cases, two coordinating pillows, pair of curtains (no commercially produced linens), or any combination of two coordinating pieces (i.e. blanket/quilt with binding, lamp shade, lap desk, rug-latched/woven/braded/etc., painted floor cloth, any other item} for the bedroom).

29. **Storage Bag with some type of closure other than drawstring:** laundry, jewelry, cosmetic/toiletry/shaving/pencil, gym/tool/equipment/sewing bag, book/electronic/computer cover, garment bag, or any other **similar** bag for home/school/office/shop/vehicle/exercise/hobby/barn/etc. No fashion accessory type bags.

30. **Home Accent Storage:** bucket caddy, hanging storage unit, under-bed storage, basket liners, storage box, scrapbook cover, or any other **similar** item

31. **Seasonal Décor sewn from fabric:** table runner, (2) placemats with napkins, wall hanging, yard flag/banner/windsock, centerpiece, decoration, or any other **similar** item, sewn by hand or machine stitching. **This class is not intended for full size quilts/blankets which do not fit “seasonal décor.”**

Level 3 (Grades 7-8) - Be sure to review section 4306 general instructions. Project must have at least two (2) of the skills/techniques required for the [IDC Level 3](#) project work. The following headings on the Mastery Sheet will apply to many of the projects listed: [Applique](#), [Buttons and Buttonhole](#), [Crochet](#), [Darts](#), [Facing](#), [Fasteners](#), [Hem](#), [Interfacing/Underlining](#), [Knitting](#), [Lining](#), [Pleats](#), [Pockets](#), [Seam](#), [Seam Finish](#), [Staystitching](#), [Trim\(s\)](#), [Top Stitching](#) and [Zipper](#).

32. **Home Accent Living/Family room-** any combination of **two-piece coordinates** for the living/family room (slipcovers, lined or unlined curtains/drapes/shades, pillows, lap throw/lap quilt, remote caddy, ottoman, lamp shade, fireplace mantel scarf, doily, or any other **similar** item). No full size quilts, full size quilts would be exhibited in classes 55 or 56.

33. Recycled/Upcycled Furniture Project can include but not limited – Painted, stained, refinished, de-coupages, tiled or upholstered furniture, or any other appropriate technique not stated to recycle/repurposed a piece of furniture. Purchasing an unfinished piece of furniture does not qualify as recycling/repurposing. MUST include before and after (furniture displayed, showing how it was designed to fit a room’s décor) photos, a description of the process - inspiration/design process, who it was made for, why the need, any special considerations, or any other pertinent information supporting the finished product. See [Recycle and Redesign](#) instruction sheet.]

34. Seasonal Décor sewn from fabric: table runner, (2) placemats with napkins, wall hanging, yard flag/banner/windsock, centerpiece, decoration, or any other **similar** item, sewn by hand or machine stitching. **This class is not intended for full size quilts/blankets which do not fit “seasonal décor.”**

35. Design Story Board – For an “Ultimate/Ideal” Room. Include color scheme, wall treatment, floor treatment, floor plan, etc. Exhibit will consist of a multimedia presentation, notebook or story board (matte or foam core board 20” x 15”) with above items and a description of what was learned.

Level 4 (Grades 9-12) - Be sure to review section 4306 general instructions. Project must have at least two (2) of the skills/techniques required for the [IDC Level 4](#) categories.

The following headings on the Mastery Sheet will apply to many of the projects listed: [Applique](#), [Buttons and Buttonhole](#), [Bias Tape](#), [Couture Technique/Historic Technique](#), [Crochet](#), [Fasteners](#), [Hem](#), [Interfacing/Underlining](#), [Knitting](#), [Lining](#), [Mitered Corners](#), [Pocket](#), [Seam](#), [Seam Finish](#), [Staystitching](#), [Trim\(s\) and Zipper](#).

36. Home Accent Outdoors/Patio/Camping – any combination of a two-piece coordinate (picnic/BBQ accessories, patio furniture cushions/covers, shades, (1) placemat with napkin (this is a “set” and does not count as a two-piece coordinate), utensil/condiment caddy, insulated carrier, picnic blanket, outdoor sling chair, hammock, sleeping bag, or any other **similar** item not stated for outdoors/patio/camping.

37. Design Storyboard – For an “Ultimate/Ideal” Room. Include color scheme, wall treatment, floor treatment, floor plan, etc. Exhibit will consist of a multimedia presentation, notebook or storyboard (matte or foam core board 20” x 15”) with above items and a description of what was learned. Project can include but not lim-

ited to pictures, samples, diagram of room arrangement, drawings, narration, cost comparison of supplies, arrangements and budget/cost, etc. for project. See [Story-board](#) instruction sheet.

38. Recycled/Upcycled Furniture – painted, stained, refinished, decoupage, tiled and/or upholstered furniture, or any other appropriate technique not stated. **MUST** include before and after (furniture displayed,

showing how it was designed to fit a room’s décor) photos, a description of the process who it was made for, why the need, any special considerations, or any other pertinent information supporting the finished product. See [Recycle and Redesign](#) instruction sheet.

39. Seasonal Décor sewn from fabric: table runner, (2) placemats with napkins, wall hanging, yard flag/banner/windsock, centerpiece, decoration, or any other **similar** item, sewn by hand or machine stitching. **This class is not intended for full size quilts/blankets which do not fit “seasonal décor.”**

All Grades - IDC

40. **Functional Home Accessory design for Special “Needs”** – *“Special Needs” being the individual requirements of a person with a mental, emotional, physical disability or disease.* MUST include a description of who it was made for, why the need, any special adaptations per the individuals request and any other pertinent information supporting the finished product. (Examples of housing accessories for special needs: sensory swing/activity station; fidget quilt/blanket/mat; bedding/pillows/lap blanket; weighted/pressure/gravity blanket; bed/chair/walker caddy; bath or kitchen accessory; bedrail; storage; etc.) See [Citizenship through Service Learning](#) and [Sewing for Special Needs](#) instructions.

41. **Seasonal Décor non fabric/textile:** wall hanging, centerpiece, decoration, or any other similar item not stated. **Exhibit is not to be constructed primarily from fabric or any textile based product. It can have some textiles (i.e. lace, ribbon, buttons, etc.)**

42. **Interior Design Project Portfolio:** A portfolio is a great record keeping tool. It will be a valuable source for ideas and future projects, a place to share any project work done in IDC, and provide a place to show samples

of new techniques or knowledge explored in IDC. It is a notebook with three (3) sections – 1) Projects/Products, 2) Sample Technique Pages and 3) Creative Inspirations and Ideas. See [Design Portfolio](#) instructions. All Portfolios, regardless of grade, will be judged together.

HOBBIES/TEXTILE DESIGN AND CONSTRUCTION - (HTDC)

HTDC projects are made from a textile product created by the exhibitor, unless otherwise stated.

A textile is a flexible material made of fiber/thread/yarn. Textiles are formed with various methods including weaving, knitting, crocheting, knotting or felting. Other words for textiles are cloth and fabric.

Level 1 & 2 (Grades 3-6) - Be sure to review section 4306 general instructions. Project must have at least two (2) of the skills/techniques required for the HTDC Level 1 project work. See sample technique cards for some of the HTDC techniques.

43. **Simple Sewn Stuffed animal, doll or puppet with both hand and machine stitching techniques.** *Focused on showing technique mastery/what was learned constructing the finished product.*

44. Decorative Textile Technique: *technique(s) used to produce a Skill techniques(s) being mastered/learned - screen printing, transfer printing, fabric pens, tie dye, batik, stenciling, block printing or a similar method applied to textile foundation such as a piece of clothing (shirt/apron/ accessory/etc.), home décor (wall-hanging/picture/pillow/rug/ pillowcase/etc.) purchased or sewn by the exhibitor. Any skill technique listed in classes 45-48 are not to be exhibited in this class. Focus is on the 1) mastery of one or more decorative textile technique, 2) creativity, and 3) mastery of the use of the elements and principles of design.* *textile which is incorporated into an end product 2) creativity and 3) master of the use of the elements and principles of design. Examples: toy/game (rug for doll house, doll, ball, etc.), home décor (doily, table scarf, pillow, coaster, wall hanging, plant hanger, small basket, linen - dish cloth, scrub towel, pillow cover, etc.), clothing/fashion accessory (hat, scarf, purse/bag,, jewellery, etc.) or similar small item. Any skill technique listed in classes 44, 46-49 are not to be exhibited in this class.*

45. Textile Fabric Creation: *Skill technique(s) being mastered/learned - weaving (beading or textile), latch-hook, braiding, macramé, knitting, crochet, felting, basket weaving or a combination of one of these techniques to create a textile. "Textile" defined as any woven, looped or felted thread or fiber. Textile is to be constructed into a finished end product no larger than 16" x 16" or an equal surface area (examples of equal surface area: knitted scarf 6" x 42" or a macramé plant hanger 8" x 32"). Knitted or crocheted exhibits refer to Level 1 & 2 Mastery Sheets for specific skills/techniques. Focus is on 1) the mastery of one or more decorative textile technique, 2) creativity, and 3) mastery of the use of the elements and principles of design.* **46. Needle Art by Hand:** *Skill technique(s) being mastered/learned - hand embroidery, counted cross-stitch, needlepoint, crewel embroidery, needle punch or smocking applied to towel, pillowcase, garment, home accessory. Pictures must be framed. Base/foundation for needle art can be purchased or sewn by the exhibitor.*

Focus is on 1) the mastery of one or more "hand" needle art technique(s), 2) creativity, and 3) master of the use of the elements and principles of design. Focused on 1) appropriate use of repurposed textile, 2) quality of end product, 3) creativity, and 4) application of the elements and principles of design. Attach See [Recycle and Redesign](#) instruction sheet.

47. Needle Art by Machine: Simple home. MUST include before and after (a picture being worn or displayed, showing how it was designed to fit room décor) photos, a description of the process - inspiration/design process, who it was made for, why the need, any special considerations, or any other pertinent information supporting the finished product.

machine embroidery, cross stitch/decorative stitches, or applique applied to small decorative items, home accessories, towel, pillowcase, garment, picture, flag, banner, windsock, etc. Base/foundation for needle art can be purchased or sewn by the exhibitor. *Focused on 1) the mastery of machine created needle art techniques, 2) creativity, and 3) master of the use of the elements and principles of design.* **NO full size quilts.**

48. Machine Pieced or Appliquéd Item –Skill technique(s) being mastered/learned is machine piecing and/or applique in the creation of a “textile/fabric” and then incorporated into an end product. Finished product no larger than 16” x 16” or an equal surface area (examples of equal surface area: fireplace mantel scarf 6” x 42”). *Focus is on 1) the mastery of one or more “machine pieced or appliquéd technique(s)”, 2) creativity, and 3) master of the use of the elements and principles of design.* Examples might include: picture or wall art, pillow, bag, doll quilt, flag, banner, windsock, etc. **NO full size quilts.**

49. Repurposed Textile Creation: Item made from **repurposed textile** material/product which **can be worn/carried or used in the**

Level 3 & 4 (Grades 7-12) - Be sure to review section 4306 general instructions. Project must have at least four (4) of the skills/techniques required for the [HTDC Level 3 & 4 project work](#). See [sample technique cards](#) for some techniques in HTDC.

50. Stuffed animal, doll or puppet with a minimum of two (2) hand and two (2) machine sewing techniques (i.e. embroidered/appliqued/textile painted facial features, hair constructed from yarn/floss/fur, movable parts (arm, mouth, legs, etc.), use of fake fur, or any other **similar combination of techniques** showing mastery of skill/technique applied to the finished product.

51. Decorative Textile Technique: Design and construction of an apparel/fashion accessory or home décor item from fabric created **using two (2) or more decorative textile techniques** described in class 44. *Any skill technique listed in classes 52-57 are not to be exhibited in this class. Focus is on the 1) mastery of technique, 2) the creative and appropriate blending of two or more decorative textile techniques, 3) fabric/trim fittingly showcased in a finished product, and 4) master of the use of the elements and principles of design.*

52. Textile Fabric Creation: Design and construction of an original "fabric/trim" using at least two (2)

techniques described in class 45. No size limit. Additional techniques might include but are not limited to hand spinning, cotton linter, and tatting. Additional example: shawl, afghan, stool, socks, etc. Fabric and/or trim must be made into a finished product. Knitted or crocheted exhibits refer to Level 3 & 4

Mastery Sheets for specific skills/techniques. *Focus is on 1) the mastery of two or more textile technique(s) used to produce a fabric/trim, 2) creative and appropriate use of "fabric/trim" in finished product, and 3) master of the use of the elements and principles of design. Any skill technique listed in classes 51, 53-57 are not to be exhibited in this class.*

53. **Needle Art by Hand:** Two (2) pillowcase/quilt/blanket/banner, of the following skill technique(s) etc.) by “machine.” Base/ being mastered/learned and ap- foundation for needle art can be plied to clothing (shirt/apron/ purchased or sewn by the exhibi- jacket/accessory/etc.) or home/ tor. *Focus is on 1) the mastery of two or more “machine” created school/office décor (wall-hanging/ picture/pillow/rug/pillowcase/ needle art techniques, 2) creativi- quilt/blanket/banner, etc.) by ty, and 3) a mastery of the use of “hand.”*- Techniques include but not limited to embroidery (floss, yarn (crewel) or ribbon), cross- stitch, needlepoint, needle punch, smocking, Trapunto quilting, hand quilting, or similar techniques. 56.
- Base/foundation for needle art 55. **Hand Pieced and/or Hand Appliquéd Item finished with Hand quilting.** Piecing and/or applique and quilting **MUST** have been done by hand, not by ma- chine. Examples might include: picture or wall art, pillow, bag, doll quilt, table runner, lap robe, etc. *Focus is on 1) the mastery of “hand work,” 2) creativity and 3) the mastery of the use of the elements and principles of design.*
54. **Needle Art by Machine:** Two (2) or more of these techniques: original free motion embroidery/ thread painting, “modified” com- mercial/software based embroi- dery design (must *describe modifi- cation(s) on skill mastery sheet*), Trapunto quilting, quilting, ap- plique, or other advanced needle art technique(s) applied to cloth- ing (shirt/apron/jacket/accessory/ etc.) or home/school/office décor (wall-hanging/picture/pillow/rug/
56. **Machine Pieced and/or Ma- chine Appliquéd Item finished with Machine Quilting.** Quilting must be done by the exhibitor. Examples might include: picture or wall art, pillow, bag, doll quilt, lap robe, table runner, etc. *Focus is on 1) the mastery of one or more “machine pieced or appliquéd technique(s),” 2) creativity, and 3) mastery of the use of the elements and principles of design.*

57. Repurposed Textile Creation: Item made from repurposed textile material/product which can be worn, used in the home, at school, in the office, on the job, car/boat/vehicle, etc. MUST include before and after (a picture being worn or displayed, showing how it was designed to fit room décor) photos, a description of the process - inspiration/design process, who it was made for, why the need, any special considerations, or any other pertinent information supporting the finished product. *Focused on 1) appropriate selection of textile, 2) appropriate construction techniques for end use, 3) creativity, and 4) the use of the elements and principles of design.* See [Recycle and Redesign](#) instruction sheet.

All Grades - HTDC

58. Hobbies and Textiles Design Project Portfolio: A portfolio is a great record keeping tool. It will be a valuable source for ideas and future projects, a place to share any project work done in HTDC, and provide a place to show samples of new techniques or knowledge explored in HTDC. It is a notebook with three (3) sections – 1) Projects/Products, 2) Sample Technique Pages and 3) Creative Inspirations and Ideas. See [Design Portfolio](#) instructions. All Portfolios, regardless of grade, will be judged together.

59. Quilts of Valor Community Service – Group or individually constructed quilt, constructed for the express purpose of being presented to a Veteran as part of the Quilts of Valor program. When available, attach the presentation script used in the Awards Ceremony or a copy of the report submitted to [Quilts of Valor \(https://www.govf.org/take-action/report-a-quilt-of-valor-award/\)](https://www.govf.org/take-action/report-a-quilt-of-valor-award/). Pictures of the presentation welcome. Be sure to have the veteran's approval to use their picture for display.

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 in appropriate grade group. Please reference the State 4-H Website <http://4-h.okstate.edu/literature-links/lit-onlinefamilyconsumerscience/4HBabysittingChildCareProjectUnitOne.pdf> for literature listed below.

Junior (Grades 3-7)

1. **Baby Book** Any practical size, minimum of 5 pages covering at least 9-10 months of development. Includes photographs, drawings mementos, and comments on developmental milestones. Must be clear that 4-H'er has contributed child development information to book. Baby books prepared earlier by parents may not be entered unless 4-H'er reworks the information. **Handwriting should be the youth preparing exhibit not an adult.** 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 Grades 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 the puzzle would be appropriate by giving child's Grades, 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. Child Care Poster

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

4. **Basic First Aid Kit**

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

Seniors (Grades 8-12)

5. **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 Grades range. Indicate appropriate Grades 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.

6. **Surprise Suitcase**

Fill suitcase with homemade or

store bought items for children you baby-sit. Could include books, puzzles, games, play dough, balls, costumes. Indicate appropriate Grades child to use each item. Include records of how children have responded to materials. Package in suitcase that can be

7. **Create a Game**

Create a board game or card game to teach a specific topic to a child. Examples might include but are not limited to: Hygiene practices, exercise and fitness, safety, etc. Game boards must be 14" x 22" and must be permanently signed and dated on the back prior to lamination. Make sure to laminate game boards, cards or any pieces made of paper so that they are durable. Include written instructions of the rules of the game. Note in the instructions the Grades appropriateness of the game.

HEALTH/LIFESTYLE
EDUCATION DIVISION
SECTION 4308
4-H FOOD SCIENCE &
NUTRITION FAIR

Individual 4-H members can enter one exhibit per class, but are restricted to those exhibits designed for his/her grade group. Educational exhibits must fit 3' x 4' (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. 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.

FOOD PREPARATION

EXHIBITS

LEVEL TWO

Grades 3-5

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

LEVEL THREE

Grades 6-8

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

Grades 9-12

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. Home canned food entries to be presented in standard jars made for home canning, with a

raised pattern or lettering, clear, uncolored glass and two piece lids.)

LEVEL TWO

Grades 3-5

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

Grades 6-8

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) Display in a sealed plastic sandwich/freezer bag.

LEVEL FOUR

Grades 9-12

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 4' (depth x width) and self standing.

DIVERSITY EXHIBITS

LEVEL TWO Grades 3-5

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

LEVEL THREE & FOUR

Grades 6-12

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

NUTRITION EXHIBITS

LEVEL TWO - Grades 3-5

19. Educational poster based on recipe modification for healthful eating

LEVEL THREE - Grades 6-8

20. Educational poster based on the nutritional contributions of fruits and vegetables

LEVEL FOUR - Grades 9-12

21. Educational display based on a recipe modification to include:

- Original recipe and what modifications were made
- Benefits of the modifications
- How did the modifications impact the above factors?

- What were other people's responses to the modifications?

FOOD OR KITCHEN SAFETY EXHIBITS

LEVEL TWO - Grades 3-5

22. Educational poster based on food or kitchen safety.

LEVEL THREE - Grades 6-8

23. Educational poster based on protein food safety

LEVEL FOUR

Grades 9-12

24. Educational poster based on outdoor cookery or grilling

OTHER EXHIBITS

LEVEL TWO

Grades 3-5

25. Educational poster illustrating a place setting for a specific occasion or menu.

LEVEL THREE

Grades 6-8

26. Educational display based on a breakfast buffet theme.

Should include menu, buffet layout, decorations, invitations, and any additional information

LEVEL FOUR

Grades 9-12

27. Educational poster based on careers in the food industry.

PERSONAL DEVELOPMENT AND LEADERSHIP DIVISION

SECTION 4309

PERSONAL DEVELOPMENT

All curriculum for Personal Development are posted on the Oklahoma 4-H Literature Online website at:

http://4h.okstate.edu/literature-links/lit-online/leadership-personal_development/personal-development/pe

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

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

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

Posters and educational displays

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

A county may enter one exhibit in each class. Individual 4-H members can enter one exhibit in each class

Beginner Level
(Grades 3-5)

1. My Short Term Goals Poster – Picture Perfect YOUth Beginner Manual: Let’s Take A Goal Setting Ride, page 7.
2. Hello to the House Poster -- – Picture Perfect YOUth Beginner Manual: Who am I? Who are YOU?, page 32
3. That’s Write! Poster – Picture Perfect YOUth Beginner Manual: Manners Matter: That’s Write!, page 41. **The Thank You note subject for 2020 entry is as follows:** *Mrs. Mitchell, your 4-H club leader, helped your team practice for the upcoming Clover County Food Showdown.*
4. My Hands of Service Display – Picture Perfect YOUth Beginner Manual: Helping Hands in Action, Page 62
5. Emergency Preparedness Kit – Picture Perfect YOUth Beginner Manual: Safe in My World, page 87

6. Heritage Scrapbook – *Required activities*: My Family Tree, Picture This, My Heredity Profile, This is Me. *Optional activities*: Preserving my Family Traditions and Customs, Digital Scavenger Hunt, Can I Interview You?

7. Scrapbook – 4-6 pages (pages counted just like pages of a book, not plastic sleeves.) Scrapbooks should center around a specific theme such as 4-H projects, family vacations, birthday celebrations, a specific family holiday, etc.

Intermediate Level
(Grades 6-8)

8. Problem Solving Poster – Picture Perfect YOUTH Intermediate Manual: Solutions for Problem-Solving, page 16

9. Media Message: Myth or Fact? Display -- Picture Perfect YOUTH Intermediate Manual: The People in Our Lives, page 46

10. Leadership Banner Poster -- Picture Perfect YOUTH Intermediate Manual: Modeling Leadership, page 58

11. My Thumbprint of Character Poster -- Picture Perfect YOUTH Intermediate Manual: I.D. Good Character, page 79

12. Cyber Space Safety Board Game -- Picture Perfect YOUTH Intermediate Manual: Cyber Space: Keep It Safe, page 89

13. Heritage Scrapbook -- *Required activities*: My Family Tree, Picture This, My Heredity Profile,

This is Me, My Day in History, Letter Writing: A Lost Art, Favorite Family Recipe, Hello. My Name is... *Optional activities*: Cultural Museums of Oklahoma, Digital Scavenger Hunt, Can I Interview You?

14. Scrapbook – 8-10 pages (pages counted just like pages of a book, not plastic sleeves.) Scrapbooks should center around a specific theme such as 4-H projects, family vacations, birthday celebrations, a specific family holiday, etc.

Advanced Level
(Grades 9-12)

15. Goal Setting Collage Poster-- Picture Perfect YOUth Advanced Manual: Be SMART About Goals, page 15
16. The Who, What, Why and How of an Interview Creative Writing Poster -- Picture Perfect YOUth Advanced Manual: Communicating Well with Others, page 34
17. Teambuilding Game Display - Picture Perfect YOUth Advanced Manual: Teamwork: Towering to Success, page 53.
18. My BEST Marketable Skills Display -- Picture Perfect YOUth Advanced Manual: Making Your Mark!, page 73
19. Vehicle Emergency Kit -- Picture Perfect YOUth Advanced Manual: Destination: Safe, page 81
20. Heritage Scrapbook -- *Required activities:* My Family Tree, Picture This, My Heredity Profile, This is Me, My Day in History, Letter Writing: A Lost Art, Favorite Family Recipe, Hello. My Name is..., My Family Genogram, My Life Timeline, Cultural History Exploration, Family Holidays. *Optional activities:* My Family Poem, Digital Scavenger Hunt, Can I Interview You?
21. Scrapbook – 12-16 pages (page counted just like page of a book, not plastic sleeves.) Scrap-

books should center around a specific theme such as 4-H projects, family vacations, birthday celebrations, a specific family holiday, etc.

SECTION 4310
4-H POSTMARK

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 of any color in a binder. All entries are limited to thirty (30) page for the collection, plus an additional page for the objective of the collection. Plastic cover page 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.

4-H'ers may enter one exhibit per class in their grade group.

BEGINNING LEVEL
(GRADES 3-5)

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
(GRADES 6-8)

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
(GRADES 9-12):

10. 100 or more hand cancelled post marks
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.

SCIENCE AND
TECHNOLOGY 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. Exhibits should be permanently signed and dated on the bottom or in an inconspicuous location. If not marked judges may mark or punch.

All exhibitors must be at least 8 years AND in 3rd grade by September 1, 2020.

Classes:

1. **Electric projects** (Grades3-7) Entries to include electromagnets, motors, buzzers and direct current circuit boards.
2. **Kit Lamps** (Kit Construction) All Grades - 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 Grades - Originality, workmanship, electrical wiring and connections, light source, and suitability as a reading lamp will be judged. Lamps can be floor, desk or wall models (no kits).
4. **Rewired Lamp** - All Grades Workmanship, craftsmanship and electrical wiring and connections will be judged. The lamp will not be judged as a reading lamp.
5. **Electric and Electronic Circuits - Grades 3-7** The exhibit should be mounted on a board and clearly show all circuits. The exhibit should be operational and demonstrate a useful principle or be functional. The exhibit should include an explanation of the principal being demonstrated.
6. **Electric and Electronic Circuits - Grades 8-12.** The exhibit should be mounted on a board and clearly show all circuits. The exhibit should be operational and demonstrate a useful principle or be functional. The exhibit should include an explanation of the principal being demonstrated.
7. **Exhibit—Grades 8-12.** Exhibit demonstrating skill or knowledge such as wire sizing; proper wiring of an electrical cord plug, wall outlet, wall switch, 3 way switch, etc. The exhibit should include an explanation of the principal being demonstrated.
8. **Exhibit - Grades 8-12.** Exhibit of a wiring diagram for a home, other building, or electric supply system for a community.
9. **Electric Concept Poster – Grades 3-7 – Poster (14" x 22")** Exhibit showing a basic electric concept or explaining the proper use of electricity in modern life.
10. **Electronics/Lighting Selection Poster - Grades 8-12 - Poster (14" x 22")** Exhibit is on information that consumers might use in making a selection of any electronic devices such as computers, games, telephones, lighting fixtures, bulbs or other electronic device.

SECTION 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
- Grade 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.

Junior Division (Grades 3-7)

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.

3. 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. (These rockets include water rockets, air power rockets, or any rocket built without a commercial kit).

6. Poster on any other topic pertaining to model rocketry (Examples: History of Rocketry, NASA Rockets, Commercial Rockets, Recent Rocket Launches, Purpose of Rockets, Rocket Designs, etc.)

Senior Division (Grades 8-12)

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. (These rockets include water rockets, air power rockets, or any rocket built without a commercial kit.)

12. Poster on any other topic pertaining to rocketry. (Examples: History of Rocketry, NASA Rockets, Commercial Rockets, Recent Rocket Launches, Purpose of Rockets, Rocket designs, etc.)

SECTION 4313

4-H WOOD SCIENCE AND INDUSTRIAL ARTS

The wood science exhibits should demonstrate a project experience which emphasizes the development of woodworking skills, such as: sawing, sanding, planning, alignment of joints, neat use of fasteners (nails, screws, etc.), and careful application of finishes. Judging will focus on the evidence of these skills.

These exhibits will consist of articles made by 4-H Club members the past year. The project is not limited to current project 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 grade division.

4-H members can enter one (1) exhibit per class and are restricted to exhibits designed for his or her grade group.

Junior grades 3-7

Senior grades 8-12

WOOD SCIENCE

1. Jr. Wood Carving Article
2. Sr. Wood Carving Article
3. Jr. Woodcraft - Original design
4. Sr. Woodcraft - Original design

BEGINNING LEVEL (GRADES 3-5)

5. Wall mounted rack for hot pads, ties, paper towels or other wall mounted item
6. Puzzle or game
7. Spice, what-not or other small shelves
8. Book ends
9. Miscellaneous

INTERMEDIATE LEVEL (GRADES 6-8)

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

ADVANCED (GRADES 9-12)

14. Gun, curio or display cabinet (with doors)
15. Table
16. Chest
17. Miscellaneous
18. Refinished item - attach before picture & story with history of item, cost sheet, and description of process used.

METALWORK

19. Jr. Metalwork ---- Embossed, tooled, etched
20. Sr. Metalwork ---- Embossed, tooled, etched
21. Jr. Metalwork---- Soldered
22. Sr. Metalwork ---- Soldered
23. Jr. Metalwork ---- Arc Welding
24. Sr. Metalwork ---- Arc Welding
25. Jr. Metalwork --- Gas Shielded Arc Welding
26. Sr. Metal Work --- Gas Shielded Arc Welding
27. Jr. Metalwork ---- Free Hand Plasma Cutting
28. Sr. Metalwork ---- Free Hand Plasma Cutting
29. Jr. Metalwork – Computer Aided Plasma Cutting
30. Sr. Metalwork – Computer Aided Plasma Cutting

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. No knives, axes, etc. may be entered.

For exhibits other than posters, attach a 3x5 inch note card to the back of the exhibit 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, Grades, and county must be included 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 "501: 4-H Shooting Sports Exhibit Preparation Guidelines Lead-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" at <http://4h.okstate.edu/literature-links/lit-online/others/shooting>

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.

Junior Division (Grades 3-7)

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.

1. ARCHERY SAFETY: any related item made
2. ALL OTHER DISCIPLINE SAFETY: any related item made.
3. ARCHERY: any related item made.
4. AIR PISTOL: any related item made
5. AIR RIFLE: any related item made
- 6 .22 RIFLE: any related item made.
7. SHOTGUN: any related item made
8. HUNTING AND WILDLIFE: any related item made (May include tanned hides, dried and mounted wings, cleaned skulls or other wildlife parts preserved by the 4-H member. Full taxidermy style mounts will not be accepted due to limited space)

Senior Division (Grades 8-12)

An explanation must be attached to and/or included in each exhibit listed below describing the subject and what is being illustrated.

9. ARCHERY SAFETY: Any related item made.
10. ALL OTHER DISCIPLINE SAFETY: Any related item made.
11. ARCHERY: any related item made
12. AIR PISTOL: any related item made
13. AIR RIFLE: any related item made.
14. .22 PISTOL: any related item made
15. 22 RIFLE: any related item made
16. SHOTGUN: any related item made
17. MUZZLELOADING: any related item made
18. 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. Full taxidermy style mounts will not be accepted due to limited space.)

SECTION 4315
ENTOMOLOGY

4-H INSECT EXHIBITS

The exhibits in entomology are planned to build on prior experiences. A 4-H member may enter only one insect collection. All insects must be mounted on standard insect pins which can be purchased from the State 4-H Office. Each insect should be identified by their common name using the correct spelling. A typed master list indicating the scientific order and common name of each specimen should accompany the display. The master list document is located at <http://oklahoma4h.okstate.edu/events-and-activities/oklahoma-state-fairs>. Exhibit collections in Class 1 (First Year) must be displayed in the folding insect storage box which can be purchased in bulk at <http://www.bioquip.com/search/DispProduct.asp?pid=1002F> or individually from the State 4-H office and covered with plastic wrap. Exhibits in Classes 2 through 5 must be in insect display boxes measuring 19" x 16.5" x 3". This is the size of a Cornell University Drawer. These boxes can be purchased at <http://www.bioquip.com/search/DispProduct.asp?pid=1012AM> or made using the pattern available at [\[and-activities/state-events-activities/oklahoma-state-fairs/ENTOMOLOGYEXHIBITDISPLAY-BOX.pdf\]\(http://4h.okstate.edu/events-and-activities/state-events-activities/oklahoma-state-fairs/ENTOMOLOGYEXHIBITDISPLAY-BOX.pdf\).](http://4h.okstate.edu/events-</p></div><div data-bbox=)

Boxes that are not this size will be DISQUALIFIED. At least one-third of the specimens in any collection must have been collected during the current project year building upon your previous collections. For more information, instructions and judging criteria, please see the State 4-H Website.

Classes

First Year - The exhibit shall consist of 25 adult insects (representing at least 5 orders) which are displayed in a Folding Insect Storage Box 9"x 13"x 2.5". This box can be purchased in bulk at <http://www.bioquip.com/search/DispProduct.asp?pid=1002F> or individually from the State 4-H office. Cover with plastic wrap.

2. **Second Year** - The second year exhibit shall consist of 40 adult insects (representing 8 orders) which are displayed in the insect display box as indicated above.

3. **Third Year** - The third year exhibit shall consist of 50 adult insects (representing 10 orders) which are displayed in the insect display box as indicated above.

5. **Fifth Year and Beyond** - The exhibit shall consist of 100 adult insects (representing 14 orders) which are displayed in the insect display box as indicated above. There is no limit on the number of years this class may be entered, if exhibit has additions or major modifications. At least one-third of the specimens in any collection must have been collected during the current project year building upon your previous collections.

6. **Self-Determined Entomology Exhibit** - Designed to allow exhibitors to prepare educational Entomology exhibits. Exhibits should be educational, neat and attractive and easy to understand. A one-page written report explaining the nature or purpose of the project must accompany the exhibit.

- a. **Careers in Entomology**
- b. **Biodiversity- the roles insects play in the ecosystem**
- c. **Invasive species**
- d. **Integrated Pest Management**

4-H HONEY EXHIBIT

Only one exhibit allowed in each class per individual.

Honey should be placed in colorless, one-pint honey jars or standard, colorless one-pint fruit jars such as those made by Kerr, Ball, Mason, etc. Other types of jars will be rejected. Jar covers should be new if possible and should be screwed on tightly to prevent leak-

age. 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 and include: Name, Club, Type of Honey, and Month and Year collected.

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 grade group.

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

Two holes 1/2 inch in diameter and 1 inch from the top should be drilled in wood boards to facilitate displaying the exhibit.

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)

<http://4h.okstate.edu/literature-links/lit-online/environmental-science/forestry>

1. Grades 3-5. 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. Grades 6-8. Collection of 15 leaf specimens, representing at least three of the five basic leaf types, from trees native to Oklahoma (no introduced species). Two (2) 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. Grades 9-12. Collection of 20 leaf specimens, representing four of the five basic leaf types, from trees native to Oklahoma.

Three (3) 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 grade group in Oklahoma 4-H Fact Sheet # 238 "Wood Sample Exhibits" (revised 2/2007).

<http://4h.okstate.edu/literature-links/lit-online/environmental-science/forestry>

4. **ALL GRADES** - The exhibit shall consist of eight (8) wood samples (four (4) HARDWOODS AND four (4) SOFTWOODS) mounted on plywood 1/4" thick AND 22" wide X 20" high.

SELF-DETERMINED EXHIBIT

NOTE: Open to 4-H members of all grades. Exhibit suggestions are listed in 4-H Member's Guide "4-H Forestry Self-Determined Exhibits" Pub. # 239 (revised 03/05)

<http://4h.okstate.edu/literature-links/lit-online/environmental-science/forestry>

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".

5. Self Determined Exhibit - Grades 3-7.
6. Self Determined Exhibit - Grades 8-12.

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. An Individual 4-H member can enter one exhibit per class.

Rock-Mineral-Fossil exhibitors should securely display their speci-

mens in a box no larger than 24" X 24". Box can be wood, plastic or cardboard but have a method of covering the rocks, minerals and fossils. Each sample should be mounted or in a compartment 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 in Oklahoma
2. Thirty (30) different unpolished rocks, minerals, or fossils, including specimens of sedimentary, igneous and metamorphic.
3. Self- Determined exhibit — Education 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 4' (width x depth) when sides are extended.

Junior Division (Grades 3-5)

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

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
(Grades 6-8)

7. **Photography Exhibit** over a state park or geological region. 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; (use written and visual communications skills.

Senior Division (Grades 9-12)

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; & (e.) 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 grade category.

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) This and other publications listed below are available at the County Extension Office or at

<http://4h.okstate.edu/literature-links/lit-online/environmental-science/wildlife-and-fisheries>.

SELF DETERMINED EXHIBITS - To encourage members to develop their 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) and 4H NREM 624 Creating a Wildlife Resource Map. 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 without permission from the original creator.

If 4-H'er applies for and is granted permission to use a copyrighted or trademark protected item, a copy of the permission form or letter needs to be attached to the back of the exhibit and properly cited with an asterisk (*) or number. 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.

OKLAHOMA WILDLIFE

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

Junior (Grades 3-7)

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.

4. **Self Determined Exhibit.** Posters must be 14" x 22". Displays must not exceed 3' X 4' (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 (Grades 8-12)

5. **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, tall-grass prairie, cross timbers, and shortgrass prairie.

7. **Self Determined Exhibit.** Posters must be 14" x 22". Displays must not exceed 3' X 4' (depth x width). Possible exam-

ples 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 (Grades 3-7)

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".0

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 3' x 4' (width x depth) with sides extended. Posters must be 14" x 22".

Senior (Grades 8-12)

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 3' x 4' (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). These and other publications listed below are available at the County Extension Office or at <http://4h.okstate.edu/literature-links/lit-online/environmental-science/wildlife-and-fisheries>.

Junior (Grades 3-7)

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. Should be functional and not decorative.

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. Should be functional and not decorative.

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 the previous year**, including photo of feeder at location used (Bird Feeding Station Report #723 found on OK 4-H Lit. on-line under wildlife and 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 and Fisheries). May use birdhouse constructed or a purchased house.

Senior (Grades 8-12)

4-H WILDFLOWER STUDY

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 (Observation reports are OK 4-H Lit. on-line under Wildlife and 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 4' (width x depth). See “Self Determined 4-H Wildlife and Fisheries Project Ideas” Oklahoma 4-H Pub. # 721 (revised 12/06) for ideas. See 4-H Wildlife Project Lit # 720 “Exhibit Preparation Guidelines Leaders/Members Guide” (revised 12/06) for guidelines.
- 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 #237 (Revised 04/04) to prepare plants for collections and exhibits. Diagrams and posters should be hand generated and not downloaded from internet or computer. “Wildflower Card” (OK 4-H Lit #718) can be downloaded from OK 4-H Lit. on-line under Wildlife and Fisheries <http://okstate.edu/literature-links/lit-online/environmental-science/wildlife-and-fisheries> Please print form on card stock or heavy paper and hole punch.

Junior (Grades 3-7)

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. See 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 (Grades 8-12)

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 or wildflower cards (Lit. #718).

33. **Self Determined Exhibit.** If poster must be 14" X 22". Display must not exceed 3' X 4' (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 grade group.

Exhibits will be judged based on the criteria outlined in the 4-H project fact sheets available from the County Extension Office. Text of posters should be readable at least 10 ft. away. Include references for information.

At least one reference must be from a source other than the internet. Posters must not be printed directly from the internet—this is plagiarism.

Each piece of exhibits containing more than one item must be labeled with exhibitor's name and county. Posters must be signed and dated on the back.

Publications listed in this section can be found at <http://4h.okstate.edu/literature-links/lit-online/environmental-science/environmental-science>.

Classes

1. **Vermi-Composting** (with Worms). (Grades 3-7) Compost sample and poster that explains how to compost with worms. Must include report for one or more of the following areas: bins for vermi-composting, feeding and care, moisture requirements, harvesting compost. Poster must be on 14" x 22" poster board and must include a photograph of your compost bin. One pint of compost (worm castings) in a sandwich-size zip-lock bag or pint jar with lid must be included.

2. **Exploring Streams and Lakes Poster** (Grades 3-7) 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. Changes should be shown over time for projects after the first year. Poster title should include name of water body, if it has one, and town or county where located.

3. **Water Critters (Grades 3-7)** Display a collection of pond, lake or stream critters (invertebrates only—no animals with backbones e.g. fish or frogs) preserved in one to three baby food jars with rubbing alcohol as described in Lit. #21 “Aquatic Organism”. Securely attach a completed Critter ID bookmark (Lit. # 29 “Stream and Lake Critter Identification”) to the jar using tape and a string around the jar neck. Do not include more than one of each type of critter. Collect only critters found on or in the water, not adult flies. Write a short paragraph telling about the 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 (Grades 3-7)** Poster (14" x 22") showing or describing the source of your water (lake, aquifer, private well) and/or what is done to it (water treatment plant, in home filtration system) before it gets to your home. See Lit # 19 “Water Quality of Streams” for ideas.
5. **Natural Resources of My County Poster (Grades 3-7)** 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 (Grades 3-7)** - useable item made from trash other than craft type item. Original ideas and useful items will ranked higher. Attach 3" X 5" card listing all materials used.
7. **Aquatic Habitat Poster (Grades 3-7)** (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. Changes should be shown over time for projects after the initial year. 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 (Grades 3-7)** 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?** (Grades 8-12) Poster (14" x 22") Describe what watersheds are and how they work. Title must contain the word, "watershed". See literature #24 "Human impact on Streams" for ideas.

10. **Natural Resources of My County Poster** (Grades 8-12) 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 show 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** (Grades 8-12) (14" X 22") Photos showing a stream, pond or lake you have visited. Poster should show things people have done or might do, along the shore or in the watershed, 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** (Grades 8-12) Display a collection of pond, lake or stream convince the reader that your critters ((invertebrates only—

no animals with backbones e.g. fish or frogs) 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 Organism" 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** (Grades 8-12) 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.

14. **Illegal Dumping – Poster** (Grades 8-12) (14"x 22") Discourage illegal dumping and explain how illegal dumps can contaminate water or create other problems
15. **Landfill Display** (Grades 8-12) Display showing how landfills work. Display must fit a space that is 3' X 4' when sides are extended for display.
16. **Recycled Item** (Grades 8-12). Useable item made from trash other than craft type item. Original ideas and useful items will ranked higher Attach 3" x 5" card listing all materials used.
17. **Group Environmental Project Display** (ALL GRADES) This exhibit is to consist of a display and a written 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 4' (depth x width)
18. **Individual Self-Directed Environmental Stewardship Project** (ALL GRADES) 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.

Judging criteria:

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

PLANTS AND ANIMALS

DIVISION

SECTION 4320 CROPS

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. Grain may not be returned to the exhibitor except for the following legumes: alfalfa, sweet clover, and vetch. Grain and crop seed exhibits should be brought and will be exhibited in one gallon clear jars (plastic or glass) with a lid. Alfalfa and small seeded legumes can substitute ½ gallon clear jars. Exhibits of bolls of cotton, ears of corn, or heads of grain sorghum should be brought and exhibited in a shallow wooden, plastic, or cardboard box of appropriate size for the respective exhibit.

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 CANOLA EXHIBIT

5. Canola

4-H SMALL GRAIN EXHIBIT

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

6. Very Early and Early Maturity Hard Red Wheat Varieties
7. Medium Maturity Hard Red Wheat Varieties
8. Late and Very Late Maturity Hard Red Wheat Varieties
9. Hard White Winter Wheat Varieties.
10. Any other wheat variety not listed.
11. Oats, any variety
12. Rye, any variety
13. Barley, any variety

4-H LEGUME SEED

EXHIBIT

- 14. Alfalfa (2 quarts)
- 15. Other small seeded legumes, such as vetch, sweet clover, etc. (2 quarts)
- 16. Soybeans (1 peck)
- 17. Other large seeded legumes, such as cowpeas, mungbeans, winter peas, etc. (1 peck)
- 18. 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.

Criteria for judging: 30 points Completeness of educational lesson, 30 points Public appeal, 40 points notebook. Ribbons will be placed on the top ten (10) in each class.

19. Junior Division (Grades 3-7)

20. Senior. Division (Grades 8-12)

CROPS IN OUR LIVES

POSTER EXHIBIT

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 feet away.

Choose an agronomic crop, and create a poster depicting one of the following topics related to that crop:

- A. History (domestication process, global spread via immigrants, etc.)
- B. Production
- C. Use in different cultures
- D. Use in different processed foods

Class

21. Grades 3-5

22. Grades 6-8

23. Grades 9-12

SECTION 4321
FORAGE PLANTS

4-H members may have one exhibit per class.

The exhibitor's name, grade and county 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

Classes are an **exhibits of ten (10)** native or introduced, annual, biennial, or perennial plants mounted on plywood, pegboard, or other suitable material approximately 3' X 4' 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.

Classes (All Grades)

1. Forages with desirable grazing value for cattle.
2. Forages with undesirable grazing value for cattle.
3. Forages with desirable browsing value for wildlife (must list species).
4. Forages with undesirable browsing value for wildlife (must list species).

SECTION 4322
HOME GARDENING

Only one exhibit allowed in each class per individual.

Classes

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. Squash, winter, other
12. Eggplant, 2 specimens
13. Squash, summer, zucchini, 2 specimens
14. Squash, summer, yellow straight neck, 2 specimens
15. Squash, summer, yellow crook neck, 2 specimens
16. Squash, summer, patty pan (scallop type), 2 specimens .
17. Sweet Potatoes, (any variety), 3 specimens
18. Pepper, jalapeno, 5 specimens
19. Pepper, other hot pepper, 5 specimens
20. Pepper, sweet bell pepper, 5 specimens
21. Pepper, banana pepper, 5 specimens
22. Tomatoes, large type, 5 specimens
23. Tomatoes, cherry type (1 1/2" or less in diameter), 5 specimens
24. Watermelon, oblong type, one
25. Watermelon, round type, one
26. Watermelon, small icebox, one
27. Red apples, plate of five
28. Yellow Apples, plate of five
29. Pears, plate of five

HOME GARDEN FOOD
BASKET

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

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

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

30. Jr. Division (Grades 3-7)

31. Sr. Division (Grades 8-12)

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 (1) 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.

Classes

1. Junior - (Grades 3-7)
2. Senior - (Grades 8-12)

Exhibit Unit II - Herbarium Card

These exhibits shall consist of dried and pressed specimens of leaves and other specified parts of native or cultivated trees, vines

and/or shrubs. Each leaf specimen should be mounted on a separate 8" x 10" herbarium card available at your county extension centers or at <http://4h.okstate.edu/literature-links/lit-online/plant-science-entomology/plant>. Only the information required in your division should be filled out. The cards should be enclosed in a notebook or binder. Each specimen should be covered with 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. Grades 3-5 - A collection of 15 specimens with the following information: (1) common name; (2) general class; (3) kind of plant
4. Grades 6-8 - 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. Grades 9-12 - 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.

•Extent to which plan integrates total needs of area, short and long term.

•Functional use and aesthetic considerations of horticultural materials and techniques.

•Operational considerations of expenses encountered, resource personnel contracted and maintenance factors.

•“Before and After” photographic sequence to illustrate effectiveness of the project.

C. A brief summary of project activities, extent to which objectives were achieved, knowledge gained and the particular significance of the project toward the improvement and beautification of your environment.

D. Newspaper clippings and other publicity of the project.

SECTION 4324
HORTICULTURE
TERRARIUMS

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) appropriate potting media (3) attractiveness and originality (4) appropriate size of plants for container. Terrariums should feature either woodland or tropical plants, and feature at least 3 different species of plants. Terrariums must be completely covered at all times.

Terrariums containing succulents will be disqualified; succulents belong in dish gardens.

Class

- 1. Grades 3-5
- 2. Grades 6-8
- 3. Grades 8-12

DISH GARDENS

Dish Garden of plant life. Please see OSU Fact Sheet HLA-6451 for more information.

Criteria for judging will be (1) compatibility and arrangement of plants, potting media, and container (2) attractiveness and originality (3) appropriate size of plants for container. Dish Gardens may feature succulents, carnivorous plants, or foliage plants. Dish Gardens should be no larger than 15 inches in diameter, length, width, or height, and weigh no more than 15 pounds and contain at least 80% living plant material. Dish Gardens should feature at least three different species of plants.

Class

4. Grades 3-5
5. Grades 6-8
6. Grades 9-12

RESIDENTIAL LANDSCAPE DESIGN DRAWING

Develop a landscape design/drawing for the provided residence. Base maps should be printed on 11"x 17" paper.

Once printed verify scale is 1 in.= 10 ft. Design drawings are to be made directly on the provided base maps.

Use provided examples of landscape symbols to draw and/or trace on to the base map. Use the provided color rendered landscape drawings for the example

of effective designs and color techniques. Reference <http://www.hortla.okstate.edu/outreach/youth/youth-info/4h/basemap-11x17>.

Competition Guidelines

- Use white 11"x17" paper to exhibit landscape drawings horizontally.
- Create a column on the right side of the sheet for a title block, 2 inches wide from top of drawing to bottom. List the following in **ink**: Scale, symbols of plants, numbers representing trees, shrubs and plants and how many of each plant were used in the landscape. *Example:1 – rose (6), 2 – Oak trees (4), 3 – Petunia (3 dozen or 36).*
- Name, date and county.
- Drawing is top view (plan view).
- Use the scale provided: 1 in = 10 ft.
- Hand drawings or CAD drawings will be accepted.
- Draw plant symbols at the mature plant size.
- Use the plant symbols and the materials symbols provided.
- Drawings must be in full color.
- Walkways should be 3 ft or 5 ft wide.
- Patio(s) are required on the back of the house.
- In the drawings use a line to indicate the planting beds. All small trees, shrubs and perennials should be inside planting bed. Large trees could be found in the lawn or inside planting beds.

Class

- 7. Grades 3-5
- 8. Grades 6-9
- 9. Grades 9-12

HORTICULTURE IN
OUR LIVES POSTER EXHIBIT

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 should be readable from at least 10 ft. away.

Choose a fruit, vegetable, nut, spice, or beverage (tea, coffee, chocolate) crop and create a poster depicting one of the following topics to that crop:

- History (domestication process, global spread via immigrants, etc.)
- Production
- Use in different cultures
- Use in different processed foods.

Class

- 10. Grades 3-5
- 11. Grades 6-8
- 12. Grades 9-12

MODELS

Model cold frame or hoop house

Mounted on a piece of painted plywood no larger than 12"x 12". Must include an explanation of the purpose of the structure, examples of potential uses, correct orientation in the landscape, and materials necessary in its construction. Explanation should be typed or handwritten on a lami-

nated piece of white paper no larger than 8.5" x 11" and be securely attached to the model.

Class

- 13. Grades 3-5
- 14. Grades 6-8
- 15. Grades 9-12

Model vegetable garden

Mounted on a piece of painted plywood no larger than 12" x 12". Must include at least 5 different vegetables, show appropriate orientation (identify 'north'), and appropriate spacing of plants. Must include an explanation of the layout of the garden, the spacing requirements of the selected plants, the dates each chosen vegetable would be planted/harvested, and any support structures (trellises, cages, etc.) necessary. The explanation should be typed or handwritten on a laminated piece of white paper no larger than 8.5" x 11" and be securely attached to the model. All pieces of the model must be handmade (**no store bought** fences, mini vegetables, etc.).

Class

- 16. Grades 3-5
- 17. Grades 6-8
- 18. Grades 9-12

**PECAN INFORMATION
EXHIBIT**

Eligibility: Any 4-H member interested in learning more about pecans and the pecan industry may prepare an exhibit.

The exhibit shall consist of an educational exhibit that will fit a 3' wide X 4' deep area. It must be free-standing with sides attached. A notebook should be included in the display. Each county may have one exhibit in each class.

The exhibit should provide information about the pecan industry such as history, importance to state, health benefits & nutrition, uses, production, processing, storage requirements or other topics pertaining to pecan.

The exhibit should increase the public awareness of the importance and impact of the specific sector of the pecan industry. The notebook should include any involvement the exhibitor has had with teaching others, giving talks or demonstrations, preparing pecan foods, planning programs, producing pecans, field trips, etc. The notebook may be typed or handwritten and should include pictures.

Awards furnished by the Oklahoma Pecan Growers Association.

Criteria for judging: 30 points completeness of educational lesson; 30 points public appeal; 40 points notebook.

19. Jr. Division (Grades 3-7)

20. Sr. Division (Grades 8-12)

SECTION 4325

COMPANION ANIMALS

All Companion Animal exhibits should focus on one of the following: (1) Animal Health and/or Nutrition (2) Good Husbandry and/or Grooming (3) Training and/or showing (4) Service and/or Citizenship.

Companion Animals refers to animals utilized as household pets (birds, cats, dogs, fish, rabbits, guinea pigs, etc.) not livestock or wildlife. In cases of animals (i.e. rabbits, turtles, etc.) that can be represented as a companion or a non-companion animal project, it will be up to the 4-H member to make sure that their entry represents companionship.

The 4H member's name, grade and county must be included attached to the exhibit. Exhibits deemed inappropriate will not be displayed. All exhibitors must be at least 8 years old AND in 3rd grade by September 1, 2017.

If you use text, pictures, drawings, artwork, or other information not created by you in your exhibit you must cite the source. See "COPY WRITTEN MATERIAL AND REFERENCE SOURCES" section at opening of 4-H Division.

When using the official clover with H's, the tail should curve to the right and the words, 18u.s.c. 707, must appear under the lower right leaflet except if hand drawn clovers.

Companion Animal Poster

Illustrating one of the following:

- (1) Animal Health and/or Nutrition
- (2) Good Husbandry and/or Grooming
- (3) Training and/or showing
- (4) Service and/or Citizenship.

Posters must be 14" x 22". For display purposes, exhibitors are encouraged to laminate all posters or cover them with clear plastic film. Posters must be permanently signed and dated on the back. If not marked the judging committee may mark or punch. Posters may be horizontal or vertical. Text of posters should be readable from at least 10 ft. away.

1. Jr. (Grades 3-7)
2. Sr. (Grades 8-12)

Companion Animal Display

Illustrating one of the following:

- (1) Animal Health and/or Nutrition
- (2) Good Husbandry and/or Grooming
- (3) Training and/or showing
- (4) Service and/or Citizenship.

Space for the booth is 3 feet deep and 4 feet wide (with sides extended for display). Back can be 4 feet high. Display must be free-standing. Models, photo graphs, posters or other means for display may be used. Display may be prepared by an individual or group from a county. Exhibit must prominently display a 4-H clover or mention 4-H.

3. Jr. (Grades 3-7)
4. Sr. (Grades 8-12)

Companion Animal Photo Story Board

Illustrating one of the following:
(1) Animal Health and/or Nutrition
(2) Good Husbandry and/or Grooming
(3) Training and/or showing
(4) Service and/or Citizenship. Story board should contain 4 to 6 photos attached to the surface of either a white or colored piece of foam core, poster or mat board no larger than 14" X 22". Each photo should contain a caption. Judging criteria will emphasize content first and photo composition second. Photos are to be taken by the exhibitor.

- 5. Jr. (Grades 3-7)
- 6. Sr. (Grades 8-12)

Companion Animal Single Photo Entry

Illustrating one of the following:
(1) Animal Health and/or Nutrition
(2) Good Husbandry and/or Grooming
(3) Training and/or showing
(4) Service and/or Citizenship. Prints must be no smaller than 3.5"x5" and no larger than 5"x7". Digital photos may not be manipulated or altered except for color and contrast adjustments, and red eye reduction. Prints must be securely attached to the surface of a poster board 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"x10". Captions are optional, but not required. Photos are to be taken by the exhibitor.

- 7. Jr. (Grades 3-7)
- 8. Sr. (Grades 8-12)

Me and My Pet Journal

A 3 ring binder, 3" or smaller, showing activities you and your pet have been doing this past year. Emphasis should be given to: (1) Animal Health and/or Nutrition (2) Good Husbandry and/or Grooming (3) Training and/or showing (4) Service and/or Citizenship. It may include but is not limited to training notes, photos of you and your pet working on a new trick, newspaper clippings of you and your pet participating in service projects, breeding records, animal health records, and much more. Members are encouraged to keep multiple years in their journal but the previous years' work should be clearly labeled as such. Judging emphasis will be placed on the current year's work.

- 9. ALL GRADES

Other Companion Animal Item

Exhibit must have a 3" X 5" note card describing the exhibit, what was done to create or prepare this exhibit and how the exhibit relates to: (1) Animal Health and/or Nutrition (2) Good Husbandry and/or Grooming (3) Training and/or showing (4) Service and/or Citizenship. Posters, photos, displays and journals are not allowed in this category. Exhibit size limited to 4'X4'X4' due to space limitations.

10. Jr. (Grades 3-7)

11. Sr. (Grades 8-12)

FCCLA Division of the Major County Fair

Only members of FCCLA in Major County may enter this division. Entries may be from previous or current school year.

Individual/Team Entries:

F1 Families First – Online Children's Literature- Printed copy of E-Book (Slides submitted in a 3 ring binder)

F2 Student Body – Poster on any 1 topic from Student Body curriculum

F3 Food Innovations—project display with packaging and sample of product

F4 Food Innovations—6 standard size decorated cupcakes using any holiday* theme (See Star Event guidelines)

F5 Financial Fitness – Life Event Planning Portfolio

F6 Career Connection—Job Interview Portfolio

F7 Career Connection---Career Investigation Portfolio

F8 Fashion Design—Individual Sketch (Mounted on board)

F9 Fashion Design---Constructed Garment

F10 Fashion Design---Portfolio w/ simple garment and original pattern

F11 Interior Design---Sketch Bedroom* Floorplan (mounted on board)

F12Interior Design---Scenario Boards (set of 3)

Chapter Entries:

Chapter Display--- National program of choice (8ft x 4ft x 3ft space limitation)

Chapter Service Project Portfolio

**theme will change each year*

FFA DIVISION
DIVISION 5400 FFA
EDUCATIONAL BOOTHS



CLASSES

1. Mechanical
2. Non-Mechanical

1. Purpose: To promote the benefits of enrolling in Agricultural Education and joining FFA. Booths will be of the type that could be used in a variety of settings, such as FFA Week booths, shopping center displays, local fair, etc.

2. Booth will consist of a 6' by 8' tabletop display. The table must be 28" to 32" in height and 28" to 32" wide. The display board will be constructed of a 4' x 8' sheet of 1/2" or 5/8" material. The board is to be cut and hinged to consist of two, 2' wings and a 4' center back.

3. The back side of the display board is to be painted dark blue.

4. Each chapter is required to bring their own 6' or 8' table that is 28" to 32" in height and 28" to

32" in width. The chapter is responsible for the top of the table and the skirting of the table 6' wide and from the top of the table to the floor. Electrical outlets are provided.

5. The current National FFA theme must be utilized. The Local Chapter name must be displayed.

6. Booth space will be assigned by the Superintendent upon arrival. Booths not meeting requirements nor following guidelines (size, theme, division, etc.) may be disqualified from the competition and/or removed from display area.

7. Booths will be divided into two divisions. The **Mechanical Division** will include booths with a moving display involving powered devices. Examples may include water wheels, fans, rotating devices, talking booths and electronic devices. The **Non-Mechanical Division** includes booths with no powered displays. Non-mechanical booths may include lights that do not flash, move, or rotate. Chapters can enter in one division only.

8. Scorecard for Educational Booths:

- a. Promotes benefits of Agricultural education and FFA. 50 pts
- b. Promotes one of the three components: (Classroom, SAE, Leadership) 30 pts
- c. Current National FFA Theme 20 pts.

APPEARANCE (50 PTS.)

- a. Attention 10 pts.
- b. Interest 10 pts.
- c. Creativity 10 pts.
- d. Neatness 10 pts.
- e. Organization 10 pts.

Total Points: 100 Pts.

DIVISION 5401

CROPS EXHIBITS

- Exhibitors are limited to one exhibit in each class.
- FFA exhibitors who enter crops and horticulture must have produced such crops or exhibit entered in his/her name during the current year in their (SAE) program.
- Exhibitors are responsible to provide their own crop boxes. A recommended size is 8" x 14" with a glass cover.

Class

01. Crops Exhibit

DIVISION 5402

FFA HAY SHOW

- Entries are for individual FFA members only and must be a product of their own supervised agricultural experience program (SAE).
- Classes of hay will include legume & non-legume. One bale will constitute an entry.
- Protein analysis will not be used as criteria for judging.
- Factors considered by the judge will include maturity, texture, leafiness, freedom from foreign

material, color, size and shape of bales, odor, and freedom from mold.

Classes

- 01. Legume
- 02. Non-Legume

DIVISION 5403

CORN EXHIBIT

(10 ears per entry)

- Will be judged on freedom from disease and damage; maturity and plumpness of kernels; normal filling of tips and butts of ears; and uniformity within the entry with regard to size, shape, kernel type and color of cob.

Classes

- 01. White & Yellow Dent Corn
- 02. Champion & Reserve Corn Exhibit

SECTION 5404

GRAIN SORGHUM & SUNFLOWER
HEAD EXHIBIT

- Entries limited to 10 heads per grain sorghum and two (2) heads per sunflower.
- Will be judged on maturity and dryness; freedom from disease, damage and weather effects; uniformity within the entry of type, size, shape, and color; and care in preparation for showing. Entries that are wet and uncured will be disqualified.

Classes

1. Yellow & White Colored Varieties or Hybrids
2. Red Colored Varieties or Hybrids
3. Sunflower Head
4. Champion & Reserve Grain Sorghum Exhibit
5. Grand Champion & Reserve Corn or Grain Sorghum Exhibit

DIVISION 5405

FFA COTTON EXHIBIT
(20 open bolls) per entry

Exhibit must be shown with petiole attached, bract leaves removed and burr side up.

Class

1. Any Variety

DIVISION 5406

FFA THRESHED WHEAT EXHIBIT
(Entry must be 15 lbs.)

- All wheat exhibits must be labeled as to specify the variety or name of hybrid. Small grain exhibit shall be approximately one (1) peck. Please refer to the Oklahoma Cooperative Extension Fact Sheet PSS-2168 Maturity Classification of Wheat Varieties: <http://wheat.okstate.edu/wheat-manGradesment/varieties/PSS-2168.pdf> for suggested varieties.
- Entries less than 15 pounds, and entries in different classes that are obviously divisions of an identical lot, will be disqualified.
- Entries will be judged on purity (freedom from trash, weed seeds and other grains) and grain quality (degree of plumpness, color or texture and kernel uniformity, and freedom from disease and broken kernels).
- Entries must be carefully sieved and handpicked to score high.

Classes

1. Very early and early maturity varieties
2. Medium Maturity
3. Late and very late maturity varieties
4. Other varieties not listed above
5. Champion & Reserve Wheat Exhibit

DIVISION 5407

Other Threshed Grain Exhibit

(one peck - 15 lbs.)

- Will be judged on the same basis as Division 5406, threshed grain entries less than one (1) peck, and entries by two (2) or more exhibitors in the same class that are found to be divisions of an identical lot, will be disqualified.
- All exhibits of wheat must be labeled as to specific variety or name of hybrid. Small grain exhibit shall be approximately one (1) peck. Please refer to the Oklahoma Cooperative Extension Fact Sheet PSS-2168 Maturity Classification of Wheat Varieties: <http://wheat.okstate.edu/wheat-management/varieties/PSS-2168.pdf> for suggested varieties.

Classes

1. Oats
2. Barley
3. Rye
4. Grain Sorghum
5. Corn
6. Canola
7. Any Other Threshed Grain

DIVISION 5408

LEGUME SEED EXHIBIT

(One Peck - 15 Pounds)

- Will be judged on color and brightness and on freedom from disease, damage, trash, other crops, and weed seed. Entries less than one peck will be disqualified.
- All exhibits of wheat must be labeled as to specific variety or name of hybrid. Small grain exhibit shall be approximately one (1) peck. Please refer to Oklahoma Cooperative Extension Fact Sheet PSS-2168 Maturity Classification of Wheat Varieties: <http://wheat.okstate.edu/wheat-manGradesment/varieties/PSS-2168.pdf> for suggested varieties.

Classes

Small Seeded Legumes

1. Alfalfa
2. Other Small Seeded Legumes

Large Seeded Legumes

3. Soybean
4. Peanuts (in shell)
5. Cowpeas
6. Mung Beans
7. Other Large Seeded Legumes

DIVISION 5409

LEGUME FORAGE EXHIBIT

(one bundle)

- Seeds must be in ripened state and free from bugs. Any evidence that the seed is bug infested or old will result in disqualification of the sample. If the superintendent deems any bundle is old, from previous years or masked - new leaves over old - they have the right to disqualify the bundle.
- Grasses should be headed and in the bloom stage but not ripe enough to shatter and shown full length - cut near the ground. Bundle should not be less than 3" or more than 5" at center band. Should be cured/dried before forming bundle. Each bundle will be considered on: basis of early stage of maturity, leafiness/ green color and preparation/appearance of bundle. Undersized, oversized, wet or moldy bundles will be disqualified.

Classes

1. Fine-stemmed Forage Legume Bundle (Alfalfa, Sweetclover, Lespedeza, Vetch)
2. Coarse-stemmed Forage Legume Bundle (Soybean, Cowpea, Peanut)

DIVISION 5410

TAME FORAGE GRASS EXHIBIT

- Seeds must be in ripened state and free from bugs. Any evidence that the seed is bug infested or old will result in disqualification of the sample. If the superintendent deems any bundle is old, from previous years or masked - new leaves over old - they have the right to disqualify the bundle.
- Grasses should be headed and in the bloom stage but not ripe enough to shatter and shown full length - cut near the ground. Bundle should not be less than 3" or more than 5" at center band. Should be cured/dried before forming bundle. Each bundle will be considered on: basis of early stage of maturity, leafiness/ green color and preparation/appearance of bundle. Undersized, oversized, wet or moldy bundles will be disqualified.

Classes

- 1.Short Fine-stemmed Tame Forage Grass Bundle Bermuda grass, Crabgrass, etc.
- 2.Tall Fine-stemmed Tame Forage Grass Bundle (Old World Bluestem, Weeping Lovegrass, Tall Fescue, Ryegrass, German Millet, etc.)
3. Coarse-stemmed Tame Forage Grass Bundle (Forage Sorghum, Sudangrass, or Sudangrass, X Sorghum Hybrids or Pearl Millets)

DIVISION 5411
NATIVE GRASS EXHIBIT
(One Bundle)

Grasses should be headed and in the bloom stages, but not ripe enough to shatter, and shown full length (cut near the ground). Bundle should be not less than 3 inches or more than 5 inches at center band. Should be cured (dried) before forming bundle. Each bundle will be considered on basis of early stages of maturity, leafiness, and green color; and on preparation and appearance of bundle. Undersized and oversized bundles and wet or moldy bundles will be disqualified.

Classes

Medium or Short Native Grass Bundle

1. Little Bluestem
2. Sand Love grass
3. Sideoats Grama
4. Blue Grama or Hairy Grama
5. Tall Native Grass Bundle
6. Big Bluestem or Sandhill Bluestem
7. Indiangrass
8. Switchgrass
9. Purpletop, Silver Bluestem, etc
10. Any other Native grass

DIVISION 5412
PASTURE AND RANGE PLANT DISPLAY EXHIBIT

These displays consist of ten representative plants mounted on light boards 3 feet square, strong enough to stand upright. The plants should be shown full length, with the stems cut to prevent any part of the plant from extending beyond the edge of the board. Grasses and other fine-stemmed plants may be shown as bundles not to exceed one inch in diameter, and single plants that are heavy-stemmed or bushy may be used. Plants should be headed and in bloom or seed stage but not ripe enough to shatter. Label with common name (see approved lists for FFA identification contests). **The exhibitor's name and address must be placed on the back of the board in addition to the entry tag.** Displays will be judged on choice of species; quality of samples (green, color, leafiness, dryness and stage maturity); neatness and arrangement of samples in general appearance of display; and correctness and readability of labels. Entries which are found to be identical as a result of group preparation will be disqualified.

Classes

Junior (Grades 8 to 10)

1. Tame Pasture Grass and Legume Plant Display: consists of 10 Introduced Pasture Grasses and Legumes Commonly Planted for Grazing Purposes.

2. Native Range Plants consists of 10 Native Plants (Grasses, Legumes and Forbs) Representative of Native Prairie Mixtures.

Senior (Grades 11 to 12)

3. Tame Pasture Grass and Legume Plant Display: consists of 10 introduced pasture grasses and legumes commonly planted for grazing purposes.

4. Native Range Plants: consists of 10 Native Plants (Grasses, Legumes and Forbs) Representative of Native Prairie Mixtures.

DIVISION 5414

HORTICULTURE

These exhibits must be Supervised Agricultural Experience (SAE) program projects of the FFA members who exhibit in this department and members should be keeping SAE records in an approved recordkeeping. Pecans and peanuts—in shell—exhibited in quart size plastic bags only. All fruits and vegetables exhibited must be grown by the exhibitor must be a product of their own Supervised Agricultural Experience program. Exhibitor's name and chapter name must be on entry tag. Only

one exhibit allowed in each class per individual. All measurements and sizes specified are approximate according to industry standards—i.e.: a standard 12" wreath may measure slightly more than 12".

Any exhibits except trees and shrubs may not have been exhibited previously. Exhibits showing signs of stress or damage may be removed. Exhibits of over-ripe and poor quality will not be judged. Taste may be criteria for judging fruits and vegetables.

All exhibits must have been grown by exhibitor.

Classes

1. Potatoes, White 4 specimens
2. Potatoes, Red, 4 specimens
3. Okra, 6 specimens
4. Onions, Yellow, 4 specimens
5. Onions, White, 4 specimens
6. Onions, Red, 4 specimens
7. Eggplant, 2 specimens
8. Potatoes, sweet, 6 specimens
9. Pepper, Jalapeno or Hungarian, 6 specimens
10. Peppers, other Hot Peppers, 6 specimens
11. Peppers, Sweet Bell, 6 specimens
12. Peppers, sweet banana, 6
13. Peppers, other sweet, 6 specimens
14. Tomatoes, large, 4 specimens
15. Tomatoes, cherry, 6 specimens
16. Tomatoes, other, 6 specimens
17. Pumpkin, field type, oblong, 1

18. Pumpkin, largest, 1
19. Pumpkin, Jack-O-Lantern (round & flat), 1
20. Pumpkin, Small (Less than 4" in diameter), 2
21. Cucumbers, Slicing or Pickling, 2
22. Squash, zucchini, 2
23. Squash, yellow, straight-neck, 2
24. Squash, yellow, crooked-neck, 2
25. Squash, other variety, 1
26. Watermelon, oblong, 1
27. Watermelon, round, 1
28. Watermelon, small icebox, 1
29. Watermelon, large, 1
30. Any melon other than watermelon, 1
31. Gourd, large, 1
32. Gourd, small, 1
33. Corn, Ornamental, 4 ears
34. Pecans, native or improved, 18 specimens in quart-size plastic bag
35. Peanuts, in shell, 18 in quart size Bag
36. Apples, red, 4
37. Apples, yellow, 4
38. Pears, 4

HOME GARDEN
FOOD BASKET DISPLAY

This exhibit is a quality selection of from 6 to 10 different kinds/varieties of mature fruits/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/vegetable for the judge to determine quality. The exhibitor must grow all fruits/vegetables exhibited.

No specimens in this exhibit may be entered in another class. Any combination of fruits and/or vegetables may be used. Those not listed in the catalog may be included.

The exhibit must be in a basket no larger than 18 inches. It may be covered with a clear plastic cover but judges must be able to handle produce to determine quality.

One-third (1/3) of the judging is 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.

Classes

43. Grades 8 thru 10
44. Grades 11 thru 12

DIVISION 5415
FFA HORTICULTURE
EDUCATIONAL DISPLAY
EXHIBITS
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 complete leaf specimen should be mounted on a separate 8" x 10" herbarium card available through CIMC, or printed on card stock from [Http://okffa.org](http://okffa.org) (under "participate", "Shows & Fairs", and "Herbarium Card". All card information areas should be filled in for each prepared specimen and the required number of completed cards enclosed in a notebook/binder. Each specimen should be covered with a transparent plastic or similar covering to protect it from damages.

Quality of exhibit including spelling will be considered. The information about the specimens on the herbarium cards must be hand written in ink. **CARDS MUST BE DATED AND NUMBERED.** Leaf specimens should be collected and prepared for exhibit during the same year they are being entered for judging. There must be a table of contents in the front of the book. Name and chapter must appear on the inside back cover. Exhibit cards with one (1) FFA em-

blem and the lettering "FFA Herbarium Cards" on the front only, in plain 1" hardback binder/notebook for classes 1 & 2; or a plain 2" hardback binder/notebook for classes 3 & 4.

Classes

1. Grades 8 and 9 — Collection of 20 Specimens with all information completed
2. Grade 10 — Collection of 25 Specimens with all information completed
3. Grade 11 — Collection of 30 Specimens with all information completed
4. Grade 12 — Collection of 35 Specimens with all information completed

FFA PLANT LIFE CYCLE

DISPLAY EXHIBIT

This display (drawing) must show all the different stages of growth (seed, seeding, vegetative, flowering and mature) of a pepper plant. Additional stages of growth may be displayed if it adds to the exhibit. Each stage of growth should be indicated. Colors should be as near as possible to natural colors. Special characteristics for identification should also be labeled.

Posters must have a title. Use half sheet of white poster board, (approximately 22" x 14"), horizontally, or a half sheet of white foam core (finished size of approximately 20" x 15") horizontally. Name and chapter must be printed on the back, per left corner.

Class

5. Plant Life Cycle

INDIVIDUAL

HORTICULTURE DISPLAY

Any background needed should be constructed as a part of the exhibit. Display horizontally on a 22"x28" poster board with name and chapter on back. Any area of horticulture may be featured. The exhibit should be educational in nature. Complete idea carried out. The exhibit may focus on: history, information, experiment, new ideas, how to or goals. The exhibit may include colored 5"x7" pictures, charts, models, etc.

Class

6. Individual Horticulture Display

LANDSCAPE DRAWINGS

Landscape drawings must be full color and drawn horizontally. Download template from www.okffa.org and print on a sheet of legal sized (8 ½ " x 14") white paper. Finished drawing must be mounted on a half sheet of black poster board (finished size 22" x 14"), or half sheet of black foam or mat board (finished size 20" x15") to be displayed for landscape view. Column on right side of ALL drawings, 2" wide from top of drawing to bottom key/legend. List the following in ink: scale, symbols of plants, numbers representing trees, shrubs and plants. Also include how many of each used in the landscape, i.e. 1-Rose (6), 2-Oak trees (4), 3-Petunia (3 dozen or 36). At the bottom of the key/legend include: name, date and chapter. Add North arrow on the drawing. Draw plant symbols at mature plant size.

HOME LANDSCAPE DRAWING

At the top, label the display "Home Landscape Drawing." additionally, a narrative that further describes the drawing may be included on the back, but is limited to 1 page, typed double spaced in 12 point font.

CLASS

7. Home Landscape Drawing

WATER FEATURE
LANDSCAPE DRAWING

At the top, label the display "Water Feature Landscape Drawing." Additionally, a narrative that further describes the drawing may be included on the back, but is limited to 1 page, typed double spaced in 12 point font.

8. Water Feature Landscape Drawing

GAZEBO
LANDSCAPE DRAWING

At the top, label the display "Gazebo Landscape Drawing." Additionally, a narrative that further describes the drawing may be included on the back, but is limited to 1 page, typed double spaced in 12 point font.

9. Gazebo Landscape Drawing

MINIATURE GREENHOUSE

Purpose: to design a model of a real greenhouse, i.e. structure, scale, layout, etc. Size 14" x 21" -- Mounted on plywood 16" x 24" painted white. On a white card 2" x 2" neatly print name, chapter and grade (3/8" to 1/2" letters) and attach to one side of greenhouse.

It must be accompanied by a graphic design plan showing climate control system, irrigation plans, placement of benches and

tables. Plan should be on 8 1/2 x 11 paper in a plastic cover must be permanently affixed to the exhibit. No mechanical or electrical moving parts will be allowed.

A greenhouse can be shown only once at the Oklahoma State Fair and must have been constructed during the current and previous school year by the exhibitor.

Classes

10. Gable type
11. Raised Sidewall
12. Ground to Ground

DIVISION 5416
FFA HOUSE PLANT
EXHIBITS

All plants must have been in possession of exhibitor for at least 60 days. One container per entry with saucer, if there is a drainage hole in container. No watering without a saucer.

Judging will be based on color, condition, container, foliage and/or flower, correct name, culture, perfection, quality, maturity, and shape.

Plants must be groomed for exhibition. Clean with water only. Insect free and not waxed. No freshly repotted plants accepted.

Pots over 12" in diameter or containers not intended for horticultural use WILL NOT BE ACCEPTED. One entry per exhibitor for each class.

No plant over 4' tall not-including pot shall be entered.

Classes

FOLIAGE PLANT

1. Croton
2. Dumbcane
3. Dracaena
4. Rubber Plant
5. Schefflera
6. Weeping fig
7. Asparagus Fern
8. Boston Fern
9. Philodendron & Pothos
10. Any other foliage plant under 24"
11. Any other foliage plant, 24" to 28"

POTTED FLOWERING PLANT

12. Chrysanthemum
13. African Violet
14. Begonia
15. Geranium
16. Peace Lily
17. Any other flowering plant.

CACTI AND SUCCULENTS

Size specifications do not include pot. Includes snake plant and yucca.

18. Cactus under 6" tall
19. Cactus over 6" tall
20. Several varieties of cacti, 3 or more
21. Geranium
22. Succulent over 6" tall
23. Several varieties of succulents, 3 or more
24. Combination cacti & succulents, 3 or more

HANGING BASKETS

25. Asparagus Fern
26. Boston Fern
27. Airplane Plant (spider)
28. Swedish Ivy
29. Jews Small Leaf (one variety)
30. Jews (one variety)
31. Philodendrons or Pothos
32. Several varieties combined 3 or more
33. Any Other hanging basket

DIVISION 5417

FLORAL OR PLANT DESIGN

All corsages, boutonnieres, wreaths and swags must have a wire hook on back for hanging. Terrariums should be approximately one (1) gallon in size. Arrangements with any artificial materials will be classified as "Artificial". No fresh plant material or liquids.

Classes

ENCLOSED TERRARIUMS

- 1. Grades 8 thru 10
- 2. Grades 11 thru 12

DECORATED PUMPKIN

- 3. Grades 8 thru 19
- 4. Grade 10
- 5. Grade 11
- 6. Grade 12

FLORAL ARRANGEMENT: DRIED/
NATURAL

- 7. Small, under 12"
- 8. Large, 12" to 24"

ARTIFICIAL

- 9. Small, under 12"
- 10. Large, 12" to 24"

FLORAL ARRANGEMENT:
SEASONAL

- 11. Small, under 12"
- 12. Large, 12" to 24"

CORSGRADES

(must provide hooks)

- 13. Wristlet, dried/natural
- 14. Shoulder, dried/natural
- 15. Wristlet, artificial
- 16. Shoulder, artificial
- 17. FFA Week, artificial
- 18. Homecoming, artificial

BOUTONNIERE

(must provide hooks)

- 19. Dried/natural
- 20. Artificial

WREATHS: DRIED/NATURAL

(must provide hooks)

- 21. Small, under 12"
- 22. Large, 12" to 18"

WREATHS: ARTIFICIAL

(must provide hooks)

- 23. Small, under 12"
- 24. Large, 12" to 18"

WREATHS: SEASONAL

(must provide hooks)

- 25. Small, under 12"
- 26. Large, 12" to 18"

WREATHS: SWAGS

(must provide hooks)

- 27. Dried/natural
- 28. Artificial

DIVISION 5418

LANDSCAPE PLANTS

Shrubs and trees in one (1) gallon nursery container. No freshly repotted plants. Only one exhibit per class.

Classes

FLOWERING SHRUBS

1. Crepe myrtle
2. Glossy Abelia
3. Hydrangea (hardy)
4. Rose of Sharon
5. Any Other

FOLIGRADES SHRUBS

6. Holly
7. Nandina
8. Yew
9. Any other

TREES

10. Any Maple
11. Any Oak
12. Any Pine
13. Any other

GROUND COVERS

(three (3) plants in a one (1) gallon nursery container)

14. English Ivy
15. Liriope (Monkey Grass) green or variegated
16. Vinca (Major or Minor)
17. Euonymos groundcover
18. Any Other

POTTED PLANTS

Potted plants can be in a pot up to 12". No freshly repotted plants.

19. Miniature Rose
20. Petunia
21. Geranium
22. Lantana
23. Colorful Foliage Plant
24. Ornamental Pepper
25. Herb (Single Variety)
26. Any other potted plant under 18"
27. Any other potted plant over 18"

DIVISION 5420
AGRICULTURAL
MECHANICS EXHIBIT

Articles exhibited must have been constructed by FFA members in the Agriculture Education school shop.

Entries may be individually or chapter constructed. An article can be shown only once at the Oklahoma State Fair, and must have been constructed during the previous two (2) school years. All articles must be clean and in a presentable condition even though they may have been used during the year. Pictures showing operation of the project may be displayed with the exhibit. Each exhibit shall have an Ag Mechanics card attached showing chapter name, individual ownership, a detailed bill of materials with cost, and a suggested retail price. These signs will be provided by State FFA Office.) Entries will be judged on the basis of workmanship, structure and design, practicability, safety, and materials used. Exhibits in Class 7, "Reconditioned Machinery & Equipment," must be factory manufactured equipment that has been reconditioned in the Ag Shop. (It is recommended 1 to 3 photographs of the project before start of restoration be included with the Ag Mechanics card that is attached to the exhibit.) Exhibits

in Class 13 and 14 "Small Projects," should be less than 2 ft. in length or less than 20 lbs. in weight. All exhibits to be displayed in a safe manner.

Classes

1. Trailers, 16 ft and over
2. Trailers, less than 16 ft
3. Smokers, grills and cookers with hitch
4. Truck bed, racks and pickup accessories
5. Livestock production project (i.e. Include: squeeze chute, divider, panels, clipping chutes, lamb & goat stands)
6. Farmstead improvement (i.e. Include: gates, angel blade, box blade, mail boxes)
7. Reconditioned Machinery and Equipment Shop Improvement (i.e. Include: welding tables, saw horses, torch carts, anvils)
9. Hobby/Recreation (i.e. include: deer stand, clay target thrower, weight benches)
10. Patio Cookers, Grills, Smokers
11. Outdoor Furniture (i.e. Include: picnic table, benches, swigs, etc)
12. Indoor Furniture (i.e. Include: end tables, chairs, hall trees, bed frames)
13. Decorative Small Project (i.e. Include: paperweight, horse-show cowboys, small metal art, piggy banks)

- 14. Functional Small Projects
(i.e. Include: lamp, hat rack, book jack, towel rack, doorknockers, doorbells, etc)
- 15. Decorative Large Projects
(i.e. Include: large metal art, tall lamps, etc)
- 16. Farmstead Tools
(i.e. Include: post driver, tee post puller, barbwire rollers)

DISPLAY REQUIREMENTS:
Each exhibit should include information relevant to the study. All projects must have the following information attached to the exhibit:

- Name of AgriScience fair participant(s) responsible for developing the project.
- Chapter name, state
- Title of category
- Division (1, 2, 3, 4, 5 or 6)

DIVISION 5423

AGRISCIENCE PROJECT DISPLAY

The purpose of the Agriscience Project Display is to provide an opportunity for individual FFA members to compete in a science fair related to agriculture. The Division is open to all FFA members who have developed a project based on the application of scientific principles and emerging technologies in agriculture. This will serve as the pre-convention workout for FFA members whose projects will be going to the National FFA Convention AgriScience Fair competition. Participants are expected to observe the National FFA Code of Ethics and the proper use of the FFA jacket during the AgriScience Fair. Official dress is required.

AgriScience fair participant(s) display shows the results of the study utilizing a display board not to exceed the dimensions of 36" high (from top of table to top of display), 48" width and 30" deep (the distance from front to back). Tables will be provided by OSF. The display must consist of a stable, free standing display board on the provided table top not to exceed the sizes outlined above. The student researcher(s) may also have the log book and up to five (5) copies of the written report as part of the display.

The log book and copies of the written report are optional. No additional props, handouts or electronics are permitted, this includes: tablets, iPads, cell phones and other electronic devices.

CATEGORIES:

- Animal Systems
- Environmental Services/
Natural
Resource Systems
- Food Products and Processing
systems
- Plant Systems
- Power, Structural and Tech-
nical
Systems
- Social Science Divisions:
 - Division 1: individual member
in grade 8
 - Division 2: team of two (2)
members in grade 8
 - Division 3: individual member
in Grades 9 or 10
 - Division 4: team of two (2)
members in Grades 9 or 10
 - Division 5: individual member
in Grades 11 or 12
 - Division 6: team of two (2)
members in Grades 11 or 12

PRE-ENTRY/ENTRY INFORMATION

ALL EXHIBITS must be pre-entered! Pre-entry is required and will be received anytime between 8:30 a.m. to 12:00 p.m. and 12:30 p.m. to 5:00 p.m. Monday, August 2 to Friday, August 27, 2020, at the Major County OSU Extension Center located on the first floor of the Major County Courthouse in Fairview. Entries must be submitted by 5:00 p.m. on Friday, August 27. You may mail entry forms to be received at this time as well. Use the pre-entry form included in the center of this book.

AGAIN, ALL EXHIBITS into the Major County Free Fair must be pre-entered! This includes live-stock, poultry, horse expo, and exhibit building entries.

You will be notified when your entry tags are ready for pickup. All tags must be picked up no later than 5:00p.m. on Wednesday, September 8.

Bring your entries to the fairgrounds on Thursday, September 9, with the tags already attached between 12:00p.m. and 7:00p.m..