

FAMILY & CONSUMER SCIENCE JUDGING

- A. This is a contest on everyday living skills.
- B. The contest will be held **Friday, July 17, 2015**, at Community Bible Fellowship Church, 2853 NE Curry Lane, Medicine Lodge, KS.
- C. **The judging contest will be available from 2:00 P.M. to 5:00 P.M.**
- D. Parents will not be allowed to go through the classes with their child.

DIVISION J - ARTS AND CRAFTS

Superintendents: Janet Robison & Cindy Archuleta

Jr. Superintendents: Olivia Woods & Brandon Tillotson

- A. All entries must be classified as original or non-original: non-original being anything made from a pattern or kit.
- B. **All work exhibited shall be finished and ready for use.**
- C. Sketches and drawings shall be mounted in mat framing; paintings shall be framed and have appropriate hangers for being hung. Needlework that is to be used by hanging shall be mounted and ready to be placed in this manner. Pillows shall be stuffed. Items for shelf display shall have the bottoms finished, either by felting or other manners suitable to the planned use of items.
- D. Each exhibit needs to be clearly marked with exhibitor name and club.
- E. A Grand Champion, a Reserve Grand Champion and one additional entry will be selected for the Kansas State Fair. Six alternates will be chosen for the State Fair if any of the top three choose not to attend.

CLASSES:

- | | |
|---------------------------------------|---------------------|
| *200. Craft using Fair Ribbons | |
| 201. Scrapbooks | 206. Stenciling |
| 202. Drawings | 207. General Crafts |
| 203. Painting | 208. Nature Crafts |
| 204. Carvings | 209. Ceramics |
| 205. Tie Dyeing | 210. Leather |
| | 211. Miscellaneous |

DIVISION K - CLOTHING & TEXTILES

Superintendent: Twila Angell

Jr. Superintendents: Annamarie Siegrist, Carrington Thom,
Sierra Cargill(display clothing @ fair)

FASHION REVUE

- A. Clothing may be purchased or constructed by the exhibitor.
- B. 4-Her may enter a total of 4 classes. You may only have one entry in each class.
- C. Fashion Revue will be judged July 16, 2015, starting at 5:00 P.M. at the Community Bible Fellowship Church, 2853 NE Curry Lane, Medicine Lodge.

D. The Public Fashion Revue will be held on Friday, July 17, 2015, at 7:00 P.M. at the Community Bible Fellowship Church, 2853 NE Curry Lane, Medicine Lodge. 4-H members participating in the Fashion Revue Judging must also participate in the Public Revue to receive their ribbons and premium.

E. All garments worn in the Fashion Revue must be on display in the Clothing Department in the 4-H building at the county fair for the duration of the fair.

F. All clothing must have a label tacked invisibly to the neck facing of the dress or the center back of the belt or skirt. Labels available at Extension Office.

G. All entries will have a cost per wear form with the item. Forms at the Extension Office.

H. Members receiving grand champion and reserve grand champion who are 14 years of age or older as of January 1 of the current year will be eligible to participate in the fashion revue at the state fair.

CLASSES: AREA 1- Constructed Garment

***219. Outfit including Boots - all ages**

Junior Division (Ages 7-9)

- | | |
|-----------------------------------|------------------------|
| 220. Single garment | 222. Recycled Clothing |
| 221. Outfit with 2 or more pieces | 223. Miscellaneous |

Intermediate Division (Ages 10-13)

- | | |
|-----------------------------------|------------------------|
| 225. Dress | 227. Recycled Clothing |
| 226. Outfit with 2 or more pieces | 228. Miscellaneous |

Senior Division (Ages 14 and older)

- | | |
|-----------------------------------|------------------------|
| 230. Dress | 232. Recycled Clothing |
| 231. Outfit with 2 or more pieces | 233. Miscellaneous |

AREA II - Girls Buymanship

***239. Outfit including Boots - all ages**

Junior Division (Ages 7-9)

- | | |
|----------------------------|--------------------|
| 240. Play or Sports Outfit | 243. Formal Wear |
| 241. School Wear | 244. Miscellaneous |
| 242. Dress Outfit | |

Intermediate Division (Ages 10-13)

- | | |
|----------------------------|--------------------|
| 245. Play or Sports Outfit | 248. Formal Wear |
| 246. School Wear | 249. Miscellaneous |
| 247. Dress Outfit | |

Senior Division (Ages 14 and older)

- | | |
|----------------------------|--------------------|
| 250. Play or Sports Outfit | 253. Formal Wear |
| 251. School Wear | 254. Miscellaneous |
| 252. Dress Outfit | |

AREA III - Boys Buymanship

- | | |
|-------------------------------------|--------------------|
| *255. Outfit including Boots | 258. School Wear |
| 256. Play or Sports Outfit | 259. Casual Outfit |
| 257. Casual Dress Outfit | 260. Dress Suit |

CLOTHING CONSTRUCTION

A. Exhibitors may enter more than one exhibit per class.

B. All exhibits must be products of the current club year.

C. ALL CLOTHING MUST HAVE A LABEL TACKED INVISIBLY TO THE NECK FACING OF THE DRESS

OR THE CENTER BACK OF THE BELT OR SKIRT.

Labels available at the Extension Office.

D. Pre-cut knits are acceptable for all classes.

E. Garments should be carefully laundered or cleaned before exhibiting.

F. Each garment should be placed on a hanger. Attach skirts to hanger with large safety pins.

G. If made of delicate fabric, the garment must be protected by placing it in a clear plastic bag.

H. An individual receiving State Fair blue on clothing garments at the county fair may make only 1 entry in the 4-H Clothing Division at the State Fair.

I. Clothing Construction will be judged by consultation at the fair on Friday morning.

J. A champion and reserve champion will be selected from each class. A grand champion and reserve grand champion overall will be selected from the class champions.

K. Recycled Clothing - An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/redesigning a garment, re-purposing a clothing item for a new use, etc. Must include sewing of some kind. A 3"x5" index card MUST accompany entry describing the recycled materials and how they were used in the item.

CLASSES

***264. Apron – all ages**

265. An article, garment or outfit constructed by a 7 to 9 year-old exhibitor enrolled in the Clothing and Textiles project.

266. An article, garment or outfit constructed by a 10 to 13 year-old exhibitor enrolled in the Clothing and Textiles project.

267. An article, garment or outfit constructed by a 14 year old or older exhibitor enrolled in the clothing and textiles project.

268. Recycled Clothing - all ages.

FIBER ARTS

A. Each article must have an Identification Label (available at Extension Office): (1) Sew or safety-pin this ID label on the corner of the article; (2) For garments, attach ID label to the front left shoulder seam, or left side of waistband, as if you were wearing the garment, or lower left corner of flat articles.

B. A member may enter more than one exhibit in each class.

C. When articles which are normally worn as a pair are exhibited, both articles must be shown together. Fasten articles together securely with yarn.

D. Special consideration will be given to articles which are of original design. Such articles should have a note attached explaining the original design.

E. Exhibitors are expected to be enrolled in the Fiber Art project in which they are entered. When the exhibit is a

sewed garment that also includes one or more Fiber Art techniques (i.e. knitting, crochet, needle arts, or patchwork and quilting), the determination of what division (Clothing or Fiber Arts) and class in which to enter will be left with the 4-H participant

F. All exhibits which need to be hung MUST have the appropriate hanger, rod, wire or other mechanism attached in order to be properly displayed.

G. There are no age-specific classes in fiber arts. The Exhibitor's age and years in the project will be considered by judges.

CLASSES:

270. Crochet, an article

271. Knitting, an article

272. Needle Arts, an article created by hand using any of the following techniques: embroidery and cross-stitch, applique needlepoint, candlewicking, crewel, and/or lacework

273. Patchwork and Quilting, an article

274. Rug Making, a rug

275. Spinning, a skein

276. Weaving, an article

277. Ethnic Arts, an article

278. Macrame, an article

279. Other (Not eligible for State Fair)

DIVISION L – ENTOMOLOGY, GEOLOGY, LAPIDARY & FORESTRY

Superintendent: Bill and Janet Smith

Jr. Superintendent: Garrett Burden

ENTOMOLOGY

A. All entries should be submitted in an 18x24x3.5 inch wooded box with a clear plastic top. No glass allowed.

B. Identification should follow the taxonomy included in www.bugguide.net

C. Each exhibitor is required to identify each box by placing an ID label on the inside of the box in the upper left corner and on the outside of the box in the lower right corner. Arrange specimens in the box so it can be displayed lengthwise.

D. The number of orders, specimens (and families where required) must be included on the exhibitor's box ID label. Only adult specimens can be used.

E. Arrange specimens in groups or rows parallel to the short sides of the box. Arrange by order then family where required.

F. Two labels will be centered on the pin beneath each specimen. First is the common name and the second should include date/locality, full county name, state abbreviation and collector name.

G. More detailed rules of each class are at the Extension Office and will be provided at request.

H. Entomology Collection Notebooks will follow Kansas State Fair rules which are available upon request.

CLASSES:

- 280. **Beginning Entomology I** - Collection--Display in one standard box a minimum of 50 and a maximum of 125 species representing at least 7 orders.
- 281. **Beginning Entomology II** - Collection--Display in one standard box a minimum of 75 and a maximum of 150 species representing at least 9 orders.
- 282. **Intermediate Entomology** Collection--Display a minimum of 100 and a maximum of 300 insects representing at least 10 orders. May use two boxes.
- 283. **Advanced Entomology** Collection--Display a minimum of 150 and a maximum of 450 insects representing at least 12 orders. May use three boxes.
- 284. **Beginning I Collection Notebook** - see H above.
- 285. **Beginning II Collection Notebook** - see H above.
- 286. **Intermediate Collection Notebook** - see H above.
- 287. **Advanced Collection Notebook** - see H above.
- 288. **All Levels Educational exhibit. Specific rules available upon request.**

GEOLOGY

- A. Exhibit box should be 18x24x3.5 inches with a plexiglass top, no glass allowed. Specimens should be arranged across narrow width of box.
- B. Detailed rules of each class are at the Extension Office and will be provided at request.

CLASSES:

- 291. Display at least 15 rocks, minerals, and fossils collected during the current 4-H year. (1 box)
- 292. Display at least 30 different rocks, minerals, and fossils, at least 5 of each. 15 must be collected during the current 4-H year. (1 box)
- 293. Display at least 45 rocks, mineral, or fossils, at least 5 of each, 15 collected during current year. (2 boxes)
- 294. Display at least 60 rocks, minerals, or fossils, at least 5 of each, 15 collected in current year.
- 295. Educational exhibit. Exhibit should relate to everyday living, a mineral test, variation of one kind of rock, archaeological artifacts or Indian artifacts. Digital formats are accepted.
- 296. Mineralogy. Display a minimum of 15 minerals collected in KS, at least 5 collected in current year. Group by class, at least 3 classes must be represented.

LAPIDARY

- A. Boxes should be appropriate for size of display, but should not exceed 18x24x3.5 inches. Plexiglass covers are required. No glass allowed.
- B. All specimens should be labeled with name, place of origin, country, state or county; county required for KS specimens. Purchased or self-collected, date lapidary treatment began and ended.
- C. More specific rules available at the Extension Office.

CLASSES:

- 297. Display 5 polished, 5 unpolished, not before-and-after
- 298. Display 3 before-and-after varieties of specimens
- 299. Display 6 before-and-after varieties of specimens
- 300. Display 9 before-and-after varieties of specimens
- 301. Exhibit 6 specimens that have not previously been exhibited, which have had treatment. 3 must be mounted into jewelry.

FORESTRY

A. Detailed rules of each class are at the Extension Office.

CLASSES:

- 305. Leaf Collection
- 306. How A Tree Grows
- 307. Tree Appreciation
- 308. Growing & Protecting Trees
- 309. Tree Culture
- 310. How Forests Serve Us
- 311. Educational/Creative Exhibit

DIVISION M - FOOD & NUTRITION **PERISHABLE FOOD**

Jr. Superintendent: Dale Hoch (take pictures)

A. Perishable Foods judging will be held Friday, July 17, 2015, 2:00 P.M., at the Community Bible Fellowship Church, 2853 NE Curry Lane, Medicine Lodge.

B. This event will be judged and awards presented as other fair entries. There will be champion and reserve champion in each class.

C. Hot foods must be presented to the judge at 140 degrees or above and cold foods must be presented at 40 degrees or below. **For food safety purposes items that do not meet temperature requirements will not be judged.**

D. Members can also compete in a place setting contest.

Only one place setting is needed for this contest. A menu for a meal of choice should be provided on a 4" x 6" note card. **Each exhibitor must supply their own card table.**

E. Each perishable food item must have a poster made up for the fair. Photos will be provided by the Extension office from the judging day.

F. If members take 2 perishable food items they will have 2 separate posters.

G. The size should be 14" x 22" which is half of a regular posterboard. It should include a picture of the item, recipe, and a brief story about the item.

H. Table settings will be brought to the fair and put in the glass showcase. You do not need to bring the card table.

I. Posters will be displayed with the foods exhibits, they will not be judged. However, posters must fill requirements in order for members to receive premium money for perishable foods.

CLASSES:

- 330. Cold Dish
- 331. Hot Dish
- 332. Table Setting

BAKED FOODS

Superintendents: Deb Larkin, Patricia Cargill

Jr. Superintendents: Bianca Lewis, Darcy Stewart, Emmie
& Celie Landwehr

Food Sale Superintendent: Gage Cantrell

- A. See General Rules.
- B. There is no limit to the number of entries per class.
- C. All baked products must be placed on white or tin foil covered cardboard cut to fit the size of the product, except pies and coffee cakes **which must be in a DISPOSABLE CONTAINER** and enclosed in a plastic bag.
- D. All unfrosted cakes should be exhibited in an upright position with top crust showing. Except those with special designs, such as a bundt cake. Frosted cakes will be exhibited with **SHORTENING BASED ICING ONLY**. For food safety purposes, any food w/ custard and cream cheese type fillings and frostings, flavored oils, “canned” bread or bread or cakes in a jar or food requiring refrigeration will not be judged.
- E. Each member needs to exhibit **three (3)** of the following: cookies, bars, muffins. A loaf of bread or cake or pie or coffee cake will be exhibited uncut. Cookies and rolls must be the same size and shape and be from the same recipe.
- F. **NO COMMERCIAL MIXES ACCEPTED ABOVE LEVEL I.** Recipes in the food project books are only guidelines.
- G. **RECIPES MUST ACCOMPANY THE EXHIBIT.**
- H. Educational exhibits may be in the form of a poster, notebook, or display. A poster may be no larger than 22" x 28". If the exhibit is a display the maximum size is 3'x 4' tri-fold display board. Exhibit should describe something learned, a project activity done, a food nutrition community service program, etc.
- I. Exhibits not meeting the above guidelines will be dropped one ribbon placing.
- J. A champion and reserve champion will be selected from each level. There will be one grand champion and one reserve grand champion overall foods. **These foods will have the option of being sold at the Premium Sale. 4-H members or a parent must sign a sale ticket in the fair office by Saturday at 8:00 p.m. in order to participate. No phone-ins will be accepted.**
- K. Other foods will be sold at the food sale. The food sale will take place on Friday. Money earned will make improvements in the 4-H Building, starting with the Foods and Nutrition exhibit.
- L. Conference judging will begin at 9:00 am on the first day of the fair. A sheet will be available at check in to sign up for the conference judging. If a 4-Her is not present when their name is called, the name will be moved to the bottom of the list. If 4-Hers are not present before the end of consultation judging their items will be judged without consultation.
- M. Decorated Cakes, Gift Packages & theme class will be eligible for Level Champion based on age of exhibitor.

CLASSES:

- *333. Any food using Sunflower Seeds not requiring refrigeration - open to all ages.**
334. **Level I Foods - Ages 7-9. Box mixes may be used.**
Non-perishable food product, may include snack mixes, cookies, muffins, cup cakes, etc.
355. Educational exhibit.
336. **Level II Foods - Ages 10, 11.** Non-perishable food product, may include nutritious snack, baked cookies (bar or drop), quick breads, muffins, coffee cake (made without yeast), fruit leather, one layer cake, any flavor, frosted, etc.
337. Educational exhibit.
338. **Level III Foods – Ages 12, 13, 14.** Non-perishable foods product, may include cookies (rolled or pressed), yeast breads or rolls, quick breads, muffins and sweet dough pastries, cakes (foam or sponge), 2-layer cake, any flavor, frosted, or decorated, etc.
339. Educational Exhibit.
340. **Level IV Foods – Ages 15 and older.**
Non-perishable food product, may include cake (foam or sponge) 2- layer cake, any flavor , frosted, or decorated, specialty yeast breads, tea ring, cinnamon rolls, fruit pie, etc.
341. Educational exhibit
342. Decorated Cake - a cake form may be used. If a real cake is used, it will also be judge on quality. This class is not eligible for the Kansas State Fair.
343. A Food Gift Package and/or Specialty Food Product. **No alcoholic beverages will be accepted.** A food gift package must contain at least three different food items, prepared by the 4-Her, in a suitable container no larger than 18"x18"x18". Prepared food items must have recipes attached with entry. Additional homemade food items beyond the 3 minimum or purchased items also may be included in the gift basket. On the back of the entry card, answer these questions: a)What is the intended use? b)What food safety precautions were taken during and after preparations? This entry will count as a non-perishable food product.

FOOD PRESERVATION

- A. Read General Rules.
- B. Exhibits must have been preserved since the previous fair.
- C. Exhibits must be sealed in clean standard jars, half-pint, pint, etc., with two-piece lids.
- D. Each jar exhibited must be labeled with uniform **label** placed one inch from the base of jar. Label must not cover brand name of jar. Labels are available at Extension Office.
- E. Label must contain name of product, date preserved, the canning method (water bath, weighted gauge or dial gauge pressure method), process time, and amount of pressure (psi) when pressure canning method is used. Examples available from Extension Office.

F. All containers of pickles, jelly, and other sweet spreads **may be opened** and examined for quality by judge. **Jars must be sealed when entered.**

G. There will not be a limit on entries. Each jar or bag constitutes an entry.

H. All Food Preservation classes are eligible for the State Fair.

I. Each exhibit must have the complete recipe and instructions attached with the entry card. Recipe must include recipe source, date of publication and altitude of residence. **Homemade recipes or other untested recipes will be disqualified for safety reasons.**

CLASSES:

348. Sweet spreads

349. Fruits, juices, tomatoes

350. Low acid vegetables

351. Pickles and relishes

352. Meats

353. Dried foods- to be in a small jar, clear plastic bag, or other "see-through" container. Suggested amount: 1/3 to 1/2 cup, or three or four pieces per exhibit.

DIVISION N - PHOTOGRAPHY

Superintendent: Walinda Arnett & Shawn Liebst

Jr. Superintendents: Layne Liebst & Logan Dirks

Each exhibitor is limited to two entries per class.

A. Photographs entered must be the result of the current year's project work by the 4-H member.

B. All photos must be no larger than 8" x 10", and no smaller than 7" x 9" after trimming.

C. Photos are to be mounted according to State Fair Rules which are at the Extension Office. Mounting boards may be purchased from the Extension Office.

D. No lettering or dates are permitted on the front of the mount or on the photo.

E. Appropriate photo subject matter: expected to follow 4-H Code of Conduct rules, if it is not allowed at a 4-H event, it should not be in photos.

F. Photos with live subject(s) on railroad right away or taken from railroad right away will not be allowed.

G. Enlargements must be in a clear bag available at Extension Office.

H. Photography albums and photo stories are not eligible for the State Fair.

I. A Champion and Reserve Champion will be awarded in each class, if exhibits merit them.

J. A Grand Champion and Reserve Grand Champion will be chosen from the enlargements only.

CLASSES:

***359. Photo using theme - color or black & white – all members**

360. Color photos by 4-H'er enrolled 3 years or less

361. Color photos by 4-H'er enrolled 4 or more years

362. Black & White Photo - open to all members

363. Digital Composite Image: Photo must be created

- from originals taken by the exhibitor. Exhibitor must include a second matte board mounted with standard size prints of original photos, 3 x 5 card(s) explaining what manipulation was done and a standard size print of the final photo. Optional, may include prints of editing steps. Photos showing editing steps may be layered. Please put name and Extension Unit on the front of the second board.
- 364. Video/movies. Specific rules available at the Extension Office.
 - 365. Photography album or notebook (minimum of 25 pictures in album) Not eligible for state fair.
 - 366. Photo Story: a group of two, three or four 5" x 7" prints that tell a story. Not eligible for state fair.

DIVISION O - PLANT SCIENCE

Superintendents: Harold Kline, Wade & Becky Dirks
Jr. Superintendent: Zack Barker & Cason Liebst

CROPS

- A. Exhibits in this department will be judged as follows: 50% on quality, 30% on uniformity and 20% on adapted varieties.
- B. **All classes are eligible for State Fair.**
- C. **Labels** may be obtained from the Extension office.
- D. Use white paper plates for small and medium garden exhibits.
- E. 4-H'ers may bring fresh vegetables and add to their exhibit after the judging is complete.
- F. All exhibits must be raised by the exhibitor and must be products of current year.
- G. Each exhibitor in the garden display class will be limited to 4 square feet of display space. Exhibit consists of 5 different types of fresh vegetables or fruit. No canned vegetables. Only one variety of each type of vegetable may be exhibited. Must be in a container or basket.
- H. A Champion and Reserve Champion of all crop entries will be selected. A Champion Wheat exhibit shall also be selected.
- I. May only have one entry per class in "Garden" except miscellaneous.
- J. Gallon containers may have a 2 ½ - 3 inch diameter styro-foam cylinder placed in a center to reduce the amount of grain needed to about 3 quarts.
- K. Notebooks - Entry shall consist of a notebook or three ring binder of written narrative describing a horticulture project. 4-Hers are encouraged to include photographs, illustrations and/or landscape drawings that help explain work done by the member. Complete description available at Extension Office.

CLASSES:

- 370. All grain sorghum varieties (5 head exhibit)
- 371. All forage sorghum varieties (5 head exhibit)
- 372. Oats--1 gallon in wide mouth jar
- 373. Wheat--1 gallon in wide mouth jar with variety and

- yield on tag in jar
374. Alfalfa--1 gallon in wide mouth jar
375. Alfalfa--1 flake, approximately 6 inches thick, tied in two directions
376. Barley--1 gallon in wide mouth jar
377. Brome Grass Seed and other tame grasses--1 gallon
378. Grass Hay - Ten inch flake or slice, 6 inch thick tied in two directions - variety must be named.
379. Miscellaneous (all other crops not listed)

GARDEN

380. Garden Display of 5 different vegetables *Large vegetables (1); medium vegetables (5); small vegetables (12)*
381. Tomatoes, cherry or ornamental, 5
382. Tomatoes, 5
383. Cucumbers, 5
384. Carrots, 5
385. Beets, 5
386. Red Onions, 5
387. Onions, yellow, 5
388. Onions, white, 5
389. Peppers, bell, 5
390. Peppers, non-bell, 5
391. Beans, green snap, 12
392. Beans, yellow wax, 12
393. Sweet Potatoes, 5
394. Parsnips, 5
395. Radishes, 5
396. Turnips, 5
397. Watermelon, 1
398. Cantaloupe, 1
399. Pumpkin, 1
400. Okra, 12
401. Cabbage, 1 head
402. Zucchini Squash, 1
403. Any Other Squash, 1
404. Potatoes, red, 5
405. Irish Potatoes, white, 5
406. Eggplant, 1
407. Garden Notebook
408. Miscellaneous (all others not listed)
- *409. Display using theme**

FLOWERS & HOUSE PLANTS

- A. See General Rules.
- B. Flowers are eligible for State Fair, plants are not.
- C. A Champion and Reserve Champion shall be selected.

CLASSES:

410. House plant owned 60 days and grown by 4-H'er
411. Garden flower, single stem, annual
412. Garden flower, single stem, perennial
413. Flower arrangement, fresh flowers
414. Flower arrangement, dried flowers, no fabric or plastic allowed.
415. Horticulture notebook – rules at Extension Office.

DIVISION P - SPACETECH, ENERGY MANAGEMENT & WOODWORKING

Superintendent: Mike Hiltner

Jr. Superintendent: Slater Blick & Caleb Woods

SPACETECH

- A. State Fair Rules will be followed, available at the Extension Office
- B. Max, one entry per class. **Label** each article, giving owner's name, name of article and class.
- C. Entries must be accompanied by an envelope with the plans and record sheets inside it.

D. One or more Photographs of the rocket at the launch site are required and should be mounted on one 8½ x 11" Page.

E. Beginner kits with pre-fabricated plastic fin assemblies and pre-finished rockets requiring no painting are **NOT** acceptable.

F. Rockets must have been launched except in cases of fire bans.

CLASSES:

- 420. Rocketry (Original Construction)
- 421. Rocketry (Kit Assembled Construction)
- 422. Rocketry notebook
- 423. Robot (Original Construction)
- 424. Robot (Kit Assembled Construction)
- 425. Telescope (Original Construction)
- 426. Telescope (Kit Assembled Construction)
- 427. Educational display
- 428. Geocache Box
- 429. GPS/GIS map
- 430. Notebook

**ENERGY MANAGEMENT
ELECTRIC**

A. Read General Rules.

B. **Label** each article, with name of article and class.

C. Articles may have been used, but if so, should be cleaned before exhibited, and should be made during the current year.

D. If battery power is required, youth shall provide battery. Operating instructions should be provided.

E. Full rules and examples available at Extension Office.

CLASSES:

- 440. **AC Electric Projects.** Electric projects with a 110 or 120 V alternating current (AC) power source, no 240 V exhibits are allowed.
- 441. **DC Electric Projects.** Electric projects with a battery.
or direct current power source. All DC electric projects must work with batteries supplied by 4-H'er.
- 442. **Electronics Projects.** Electronic projects with a battery or direct current power source. This class includes kits. Include instruction/assembly manual if from a kit, or plans if an original project.
- 443. **Educational Displays and Exhibits.**

SMALL ENGINES

A. All exhibits should involve engines smaller than 20 horsepower.

B. No complete engines, lawn tractors, tillers, chainsaws are permitted for display.

C. Maximum tri-fold size for displays is a 3'x4'.

CLASSES:

- 449. **Display** - select one of the following options: 1) identify different engine or lawn and garden equipment parts or show the function of the engine or lawn and garden equipment parts; OR 2) identify and explain the function(s) of different special tools

needed for small engine work; OR 3) illustrate and provide the results of any experiment in the NCS project books.

450. **Maintenance** - Exhibit a display that illustrates either
1) Routine maintenance procedures OR 2)
Diagnosing and trouble shooting specific problems in an engine.
451. **Operation** - Exhibit an operable small engine overhauled or rebuilt. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine.

ALTERNATIVE ENERGY

A. Displays limited to tri-fold boards 3'x4' and/or be free standing.

CLASSES:

452. **Educational Display** – Inform and Create awareness about power generated from a renewable energy source, ie. wind, sun, geothermal, tides or waves.
453. **Experiment** – Display an experiment addressing a problem or question related to power generated from a renewable source. Include hypothesis, background research, variables, a control, data, findings, conclusions and recommendations for future study.

WOODWORKING

A. THE PLAN FROM WHICH IT WAS CONSTRUCTED MUST BE WITH THE ARTICLE

EXHIBITED. The plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide. Include a list of the cost of materials and amount of time spent constructing article.

B. Class 459 is not eligible for State Fair.

C. Articles made in shop classes in school and receiving a grade are eligible to exhibit.

D. Projects made from pre-cut kits are not allowed.

CLASSES:

455. Woodworking articles for farm or shop use
456. Lawn furniture and lawn articles
457. Household furniture and household articles
458. Other woodworking articles not listed above
459. Piece of repaired and refinished furniture with a brief explanation of the work completed, must be attached to the exhibit.

DIVISION Q - NOTEBOOKS, POSTERS, BANNERS & DISPLAYS

Superintendent: Jana Scripsick

Jr. Superintendents: Nicole Blick & Landon Landwehr

NOTEBOOKS

A. Only project related notebooks are eligible for the State Fair.

CLASSES:

- | | |
|-------------------------|-----------------------|
| 460. 4-H Club Scrapbook | 463. Secretary's Book |
| 461. Treasurer's Book | 464. 4-H Record Book |

462. Reporter's Book
 465. Project Notebook or folder, such as Citizenship,
 Home Environment, Horseless Horse, Wildlife, etc.

POSTERS

- A. The 4-H'er may enter one poster for each project enrolled in.
 B. **Name sticker** should be placed on front, in lower right hand corner, of the poster.
 C. The poster display will depend entirely on the 4-H member's own imagination. The size of posters to be 22" x 28". Cardboard used should be suitable for hanging the poster, if necessary.
 D. **The letters must be written across the narrow width of cardboard. If not, the 4-H'ers will not receive a ribbon.**
 E. Only Home Environment, Forestry, Wildlife, and Shooting Sports posters are eligible for the state fair.
 F. Fair promotional poster, must be displayed somewhere it can be seen publically before coming to fair. Please put place of display on back of poster.

CLASSES:

***469. Fair Promotional Poster - all ages**

Junior Division ages 7-12

- | | |
|------------------|-------------------------|
| 470. Reading | 473. Home Environment |
| 471. Citizenship | 474. Shooting Sports |
| 472. Leadership | 475. All Other Projects |

Senior Division ages 13 and over

- | | |
|------------------|-------------------------|
| 480. Reading | 483. Home Environment |
| 481. Citizenship | 484. Shooting Sports |
| 482. Leadership | 485. All Other Projects |

BANNERS

- A. **Each banner should tie in with the theme of the fair, for 2015 it is "Barber County Cheers for 95 Years...Sew It, Grow It, Show It!"**
 B. Dimensions are to be no less than 12 and no more than 16 square feet, with a minimum of 3 feet on one side.
 C. Banners must be hung on a rod strong enough to support the banner. On each end of the banner rod, there should be a wire or chain six inches long. One end of the wire will be fastened to the end of the rod. The other end will be connected to an "S" hook which will permit the banner to be hung from a suspended wire in the exhibit building.
 D. Banners are not allowed to use any copyrighted material or characters. ie: Sponge Bob, Care Bears, brand name products, etc.
 E. Banners should be made of materials that permit the banner to be folded or rolled without damaging the display. **Objects may not be attached to the front of the banner.**
 F. A label is to be attached to the front lower left-hand corner of the banner giving the name of the club, county, and year. Letters should be two inches in height. Names of 4-H'ers are optional.

G. All 4-H clubs should have banners at the Barber County Fair.

CLASS:

490. Club banner

DISPLAYS

A. Types of exhibits in this division are open to educational or creative displays. Maximum exhibit size is 3'x4', unless it is an article made or repaired for the Home Environment Project.

B. EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS. It is illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.

C. Displays will be judged on the following points:

STOPPING POWER **15**

Is the main idea specific? Is the idea presented clearly, simple, forcefully?

INTEREST, HOLDING POWER **15**

Does the exhibit give the observer additional facts in a clear, concise, informative way?

4-H PROJECT APPLICATION **15**

Is the subject matter an effective showcase?

MECHANICAL POWER **5**

Correct letter size, pleasing color combination, appropriate symbols, and models.

PERSONAL GROWTH **25**

How much knowledge was gained by exhibitor?

Enthusiasm shown.

EDUCATIONAL VALUE **25**

Knowledge shared

CLASS:

491. Citizenship, Home Environment, Horseless Horse, Leadership, Wildlife, and others.