

# 2019 Wilson County FAIR

# July 25 to July 28

## Wilson County Fairgrounds • Fredonia

**This is your Official Wilson County Fair Program: SAVE IT!**  
**Extra copies of the fair program and Entry Forms available at the Extension Office**



### SCHEDULE OF EVENTS

**Friday, June 28: Deadline for online pre-entry of all livestock and all 4-H/FFA exhibits is June 30, however since it falls on a Sunday, we would like to have them by the 28.**

#### PRE-FAIR EVENTS

##### SATURDAY, JUNE 15:

8:00 a.m.- 4-H Dog Show, Wilson County Fairgrounds, Fredonia

##### SATURDAY, JUNE 22

7:00 p.m.-Old Skool Productions Demo Derby

Monday, July 22:

4:00 p.m.- 4-H Foods Judging

##### FRIDAY, JULY 19:

8:30 a.m.- 4-H Clothing and Style Revue Judging 7:30 p.m.- Public Style Revue-Cornerstone Christian Church

Sunday, July 21:

2:00 p.m.- FAIR GROUNDS Clean-up/Set-up

**WEDNESDAY, JULY 24:** 10:00 a.m. - 5:00 p.m. - Set up of 4-H/WEC Booths can begin 6:00 p.m.- 4-H Horse Show

#### FAIR EVENTS

##### THURSDAY, JULY 25:

9:00 a.m.-? - 4-H Photography Consultation Judging 9:00 p.m. -? 4-H Arts & Crafts Consultation Judging 5:30-7:30 p.m.-Check-in of all exhibits except: Open Class Flowers, Open Class Foods, and 4-H Flowers 9 a.m.-5:00 p.m.-Booth Exhibits to be completed by 5:00pm Livestock can be brought in Poultry and Rabbits in place by 7:30 p.m. Barrel Race-Details coming

##### FRIDAY, JULY 26:

7:30-8:30 a.m. - Hog Weigh In 8:30 -9:30a.m. - Sheep/Goat Weigh In 9:30- 10:30 a.m. - Beef/ Bucket Calf Weigh In ALL LIVESTOCK MUST BE IN PLACE BY THE END OF THAT SPECIES WEIGH IN FRIDAY MORNING (please give yourself adequate time to complete weigh in by the end of your species time...do not wait until the last minute!) Noon.-9 p.m.- Exhibit Building Open Unless Stated Otherwise Exhibit Buildings will be closed during judging. Superintendents, helpers and judges should be only persons in exhibit areas during this time. EXCEPTIONS: 8:00 am - 9:30 am in these areas for check in - Open Class Flowers, Open Class Foods, & 4-H Flowers. 8:00 - 9:30 a.m.- Check-in: Open Class Flowers, Open Class Foods, 4-H Flowers

8:30 a.m.- Judging of all 4-H and Open Class entries except: Open Class Foods, Flowers and 4-H Flowers and Livestock 10:00 a.m.- Judging of Open Class Foods, Open Class Flowers and

4-H Flowers Noon- Farmer=s Market - Sale of Extra Vegetables from Vegetable Exhibits & Open Class Baked Food Sale Noon- Poultry and Rabbit Judging

1:30- Barnyard Olympics- Show Arena 3:00 p.m.- Dairy Cattle, Bucket Calf and 4-H and Open Class and 4-H Dairy Goat Judging 5:00 p.m.-Sheep Show followed by Breeding and Market Meat Goat Show 8:00 p.m.- ACRA/IPRA Rodeo

##### SATURDAY, JULY 27:

8:00 a.m.- Judging of Swine 1:30 p.m.- Ice Cream Social 2:00 p.m.- 4-H Dog Agility Exhibition 3:00 p.m.- Kids Pedal Tractor Pull - Sponsored by Wilson County Farm Bureau 5:00 p.m.- Beef Show 8:00 p.m.- ACRA/IPRA Rodeo

##### SUNDAY, JULY 28:

10:00 a.m.- Church Service 10:00 a.m.-9:00 p.m.- Exhibit Building Open 11:00 a.m.-11:45 a.m. - Skillathon 12:30 p.m.- Round Robin Showmanship 1:00 p.m. - WEC & 4-H Booths disassembled 2:30- 3:00 p.m.- Release of 4-H and Open Class Exhibits except Sale Exhibits 3:00- 4:30 p.m.- Clean-up Buildings 5:00 p.m. - Trophies presented at Sale Barn 6:00 p.m.- 4-H/FFA Livestock Sale

(Immediately following sale - load livestock and clean barns)

#### PHOTO AREA

An area is being prepared by the Busy Beavers 4-H Club for photo opportunities at the fair. FFA member may use the booth for pictures of Grand or Reserve livestock or any other fair project. The photo booth may also be used to take photos for "Thank You's" and record books. We ask that everyone treat the booth with respect and care so we can keep it around for many years.

#### OFFICERS

**President:** Melissa Shoaf

**Vice Pres:** Erin Cobb

**Secretary:** Kris Marple

**Treasurer:** Emily Erbe

#### 2019 STANDING COMMITTEES

**Advertising, & Media:** Melissa Shoaf, Erin Cobb & Val Worrell

**Membership & Sponsorship:** Kris Marple, Melissa Shoaf, Val Worrell

**Commercial Booths:** Melissa Shoaf & Erin Cobb  
**Concessions:** Erin Cobb, Clayton Wheeler, Marlan Frankenbery, & Tony Signer

**Exhibits:** Open & 4-H Superintendents

**Facilities:** Marlen Frankenbery, Pete Kuhn, Lee Shoaf, Jerry Scott, & Marcus Leck

**Finance:** Emily Erbe, Kris Marple, Melissa Shoaf, & Val Worrell

**Livestock Sale Committee:** Jacob Smith, chr., Clayton Wheeler, vice chr., Karen Stephens, sec./treas., Terry Evans, Darla Marple, Tommy Shinkle, Brendan Coulter, Clayton Hibbard, Justin Newland, Matt Evans, Gennette Robinson, Randal Robinson

**Rodeo/Bull Riding:** Neil Worrell, Val Worrell, Lee Shaof, Mike Hughes, David Marple, & Travis Cobb

**Rules:** Melissa Shoaf, Kris Marple

**Demo Derby:** Lee Shoaf, Clayton Wheeler, & Travis Cobb

#### BOARD OF DIRECTORS

**Cedar:** Marlen Frankenbery, 8736 Pratt Rd, Altoona  
**Center:** Tommy Shinkle, 1722 Washington St, Fredonia

**Chetopa:** Travis Cobb, 3853 Yale Rd, Thayer

**Clifton:** Pete Kuhn, 310 Maple St, Buffalo

**Colfax:** Dave Marple, 20389 2000 Rd, Buffalo

**Duck Creek:** Charles Fox, 310 W Madison, Fredonia

**Fall River:** Tony Signer, 14170 Harper Rd, Fredonia

**Fredonia City:** Jenna Reed, 127 N. 15th St, Fredonia

**Guilford:** Somoa Faileaso, 3279 Water St., Fredonia

**Neodesha Twp:** Mike Hughes, PO Box 67, Elk City  
**Neodesha City:** Neil Worrell, 15434 1025 Rd, Altoona

**Newark:** Erin Cobb, 3853 Yale Rd., Thayer

**Pleasant Valley:** Val Worrell, 15434 1025 RD, Altoona

**Prairie:** Clayton Wheeler, 6339 US 75 Hwy, Neodesha

**Talleyrand:** Lee Shoaf, 327 N 4th, Fredonia

**Verdigris:** Jerry Scott, 1340 Butin Dr., Fredonia

**Webster:** Marcus Leck, 18596 700th Rd, Neodesha

## This is your OFFICIAL ENTRY FORM!

### WILSON COUNTY FAIR ENTRY FORM

<https://fairentry.com/Fair/SignIn/2712>

**4-H & FFA Exhibits Require Advance Online Entries**

**Open Class Online Pre-entries Preferred But Not Required**

**Entries Due Friday, June 28**

**Wilson County Extension Office 378-2167, Fax 378-4885**

**Courthouse, Room 1 Fredonia, KS 66736**

Exhibitor's Name \_\_\_\_\_ Number \_\_\_\_\_ (Office Use)

Street or Route \_\_\_\_\_ Box \_\_\_\_\_

Town \_\_\_\_\_ Zip \_\_\_\_\_

Phone Number \_\_\_\_\_

**Check One: Age as of January 1st of the Current Year**

**Age Group 1 - 10 years of age & under**

**Age Group 2 - 11-14 years of age**

**Age Group 3 - 15-19 years of age**

**Age Group 4 - Over 19 years of age**

Quantity*	Dept.	Class Number	Class Name
1	OA	1	Charcoal Art (example)

**CONTINUE ON BACK OR REQUEST ADDITIONAL ENTRY FORMS IN THE EXTENSION OFFICE**

\*Quantity is the number of times you are entering this class. For example in 4-H Arts and Crafts, you may enter 5 different art and 5 different craft items, so enter 5 in the quantity if you are bringing five items. Note only one entry per class is allowed in open class departments except Beef Cattle, Dairy Cattle, Poultry, Rabbits, Sheep and Swine.







- 9. 10 heads grain sorghum
- 100. 6 stalks forage sorghum
- 101. 1 quart alfalfa seeds
- 102. 1 quart sweet clover seeds
- 103. 1 quart soybeans
- 104. 3 flakes alfalfa hay
- 105. 3 flakes prairie hay
- 106. 3 flakes Sudan or Sorghum and Sudan Hay
- 107. 3 heads Sunflowers
- 108. 1 gallon Sunflower Seeds
- 109. Miscellaneous crops

**DEPARTMENT OG  
OPEN CLASS  
FLORICULTURE  
Superintendents  
Wilson Co. Conservation Auxiliary**

Wilson Co. Conservation Auxiliary Special Merit Award - \$3 in each age group. (See general rules for age groups)

**GENERAL RULES APPLY**  
All entries must be real flowers, vines or plants grown by the exhibitor. Purchased plants in the exhibitor's care one year are acceptable. All entries must be in adequate, not-tipping containers. Paper cups and pop bottles are not acceptable. No leaf shine. If a class is specifically stated enter that class, not other. One entry per class.

**ARRANGEMENTS**  
To be exhibited in suitable artistic container. Small accessories and greenery permitted.

- CLASS**
- 110. Everlasting such as strawflowers, Bachelor Buttons
  - 111. Ornamental Grasses
  - 112. Garden Flowers-Mixed
  - 113. Garden Flowers-one kind
  - 114. Snapdragons
  - 115. Wildflowers
  - 116. Flowers in kitchen utensil
  - 117. Day lilies
  - 118. Lilies
  - 119. Plant or Flowers in Driftwood
  - 120. Miniature 6" by 6"
  - 121. Dried or treated material
  - 122. Centerpiece
  - 123. Holiday Centerpiece
  - 124. Religious Centerpiece
  - 125. All white with greenery
  - 126. Ornamental Gourds
  - 127. Vegetables with wheat for Patio table
  - 128. In cup and saucer

**FLOWERS**  
Judged on the perfection of flowers. Show with own foliage.

- CLASS**
- 129. 5 Cosmos
  - 130. 1 Single Tea Rose
  - 131. 3 Roses
  - 132. 3 Cockscomb
  - 133. 5 Daisies
  - 134. 3 Gladioli
  - 135. 5 Zinnias
  - 136. 5 Marigolds
  - 137. 5 Gaillardias
  - 138. 5 Asters
  - 139. 5 petunias
  - 140. 5 Sunflowers
  - 141. 5 Salvia
  - 142. 5 Other flowers, one variety
- GROWING PLANTS IN POTS**  
**CLASS**
- 143. Vines such as philodendron
  - 144. African Violets
  - 145. Begonias
  - 146. Oxalis
  - 147. Non-blooming houseplants grown for foliage
  - 148. Blooming Houseplants
  - 149. Coleus
  - 150. Specimen Cactus
  - 151. Specimen Succulent
  - 152. Cooking Herbs - 3 pots
  - 153. Lantana
  - 154. Asparagus Fern
  - 155. True Fern
  - 156. Wandering Jew
  - 157. Geranium
  - 158. Ornamental Pepper
  - 159. Potted Tree
  - 160. Hanging Planter - Foliage
  - 161. Hanging Planter - Blooming
  - 162. Other Potted Plant

**GROWING PLANTS**  
**CLASS**

- 163. Terrarium with lid
- 164. Whimsical/ Fairy Garden no lid
- 165. Dish garden No lid

**DEPARTMENT OH  
OPEN CLASS FOODS  
Superintendent-Joanie Avants  
Assistants-Pat Bonner & Janice Reese**

All baked goods must be on paper plates, or covered cardboard and enclosed in clear plastic or cellophane bags. Cakes may be entered in a cake box or on a cake board. Please use disposable pie tins. No perishable exhibits (items that require refrigeration such as cream cheese frostings) will be accepted. All foods will be sold.

\*\* Entries should not be from the same batch or batter (for example families sharing from the same batch or batter).

**BISCUITS**  
**CLASS**

- 166. Baking Powder, plate of 6
- 167. Baking Soda, plate of 6
- 168. Buttermilk, plate of 6
- 169. Drop Biscuits, plate of 6

**BREADS**  
**CLASS**

- 170. 1 loaf white bread
- 171. 1 loaf wheat bread
- 172. 1 loaf bread machine bread
- 173. 1 loaf nut bread
- 174. 1 loaf fruit bread
- 175. Plate of 6 cornbread muffins
- 176. Plate of 6 muffins
- 177. Fancy yeast breads
- 178. Plate of 6 white rolls
- 179. Plate of 6 wheat rolls
- 180. Plate of 6 fancy dinner rolls
- 181. Plate of 6 cinnamon rolls

**PIES**  
**CLASS**

- 182. One crust pie
- 183. Two crust pie

- 184. Tarts - plate of 4
  - 185. Fancy pastry
- CAKES**  
**CLASS**
- 186. Iced white cake
  - 187. White cake, no icing
  - 188. Chocolate cake, iced
  - 189. Chocolate cake, no icing
  - 190. Sponge cake, iced
  - 191. Sponge cake, no icing
  - 192. Devilfood cake, iced
  - 193. Devilfood cake, no icing
  - 194. Angel food cake, no icing
  - 195. Spice cake
  - 196. Upside down cake
  - 197. Coffee cake
  - 198. Other cake made from scratch
  - 199. Any cake made from a mix
  - 200. Decorated cake-to be judged on decoration alone and not sold
  - 201. Cupcakes, iced
  - 202. Cupcakes, no icing
  - 203. Cupcakes, decorated-judged on decoration alone and not sold

**CANDY**  
**CLASS**

- 204. 6 pieces' divinity
- 205. 6 pieces' fudge
- 206. 6 pieces' toffee
- 207. 6 peanut butter balls
- 208. 6 popcorn balls
- 209. 6 suckers
- 210. 6 pieces' holiday candy
- 211. Other candy, 6 pieces of 1 kind
- 212. Other candy, 6 pieces of 3 kinds

**COOKIES**  
**CLASS**

- 213. 6 Bar Cookies
- 214. 6 Brownies
- 215. 6 Drop Cookies
- 216. 6 Hand Rolled Cookies (rolled by hand)
- 217. 6 Rolled Cookies (rolled with rolling pin)
- 218. 6 Miscellaneous Cookies
- 219. 6 Refrigerator Cookies
- 220. 6 No bake Cookies
- 221. 6 Rice Crispy treats
- 222. 6 Decorated Cookies (Judged on decoration alone)

**FAIR BOARD PRESIDENTS**  
**COOKIE JAR**

**CLASS**

- 223. Jar of assorted cookies. Jar must be decorated as attractively as desired, but the cookies must be visible. Jar decoration 25%. The jar should contain not less than 4 nor more than 6 kinds of cookies of a good size serving. Bring one of each kind on a paper plate. First prize presented to Fair Board President, 2nd to Vice President, 3rd to Secretary

**FOOD PRESERVATION**

All collections to be exhibited in uniform size jars, with standard lids or sealed. To be exhibited in pts, qts, or regular jelly jars, labeled as to contents with standard labels. Write canning technique on labels. Note: There are now 12 ounce canning jars available. If there is not a USDA recommended process time available for the 12-ounce jar, these may be used with a pint jar canning process recommendation. Bands should be left on jars for transporting. Mayonnaise jars are not recognized as safe and acceptable by USDA canning guidelines.

- CLASS**
- 224. 2 jars green beans
  - 225. 2 jars carrots
  - 226. 2 jars other vegetables
  - 227. 2 jars assorted or alike meat or fish
  - 228. 2 jars assorted or alike fruit
  - 229. 2 jars apple butter
  - 230. 2 jars other fruit butter
  - 231. 2 jars assorted or alike jellies, jams, and preserves
  - 232. 2 jars dill pickles
  - 233. 2 jars bread and butter pickles
  - 234. 2 jars sweet pickles
  - 235. 2 jars other cucumber pickles
  - 236. 2 jars other pickled vegetables (beets, okra, etc.)
  - 237. 2 jars assorted or alike relishes
  - 238. 2 jars salsa
  - 239. 2 jars assorted or alike other
  - 240. Dried Foods, 2 fruit leathers, or 2 strips of jerky in a ziplock bag, or 2 small jars of fruit or vegetables
  - 241. Two, 1 lb. Queenline jars, dark honey
  - 242. Two, 1 lb. Queenline jars, light honey

**DEPARTMENT OI OPEN CLASS  
PHOTOGRAPHY  
Superintendent - Jaylene Chaplin**

All photos are to be permanently mounted (not framed) with photographic dry mount tissue or secured to white posterboard or white studio mount, No colored mats. Mounts not to exceed 16" by 20". Enlargement must be 5" by 7" but not to exceed 11" by 14". A substantial hanger must be attached to the back of the mount. Photo can be covered with shrink wrap or plastic but make sure photo is clearly visible. If a zip style bag is used a hanger is not required.

**CLASS**

- 243. Black and white pictorial print
- 244. Color pictorial print
- 245. Black and white photo-journalism
- 246. Color photo-Journalism
- 247. Black and white figure or portrait
- 248. Color figure or portrait
- 249. Black and white still life
- 250. Color still life
- 251. Black and white abstract
- 252. Color abstract
- 253. Black and white, unclassified
- 254. Sepia Photo, unclassified
- 255. Color, unclassified
- 256. Panoramic 10"x3"
- 257. Digital Camera Photo
- 258. Computer Enhanced Digital Photo
- 259. Picture Story 4-6 snapshots on a mount no larger than 16" x 20" NO CAPTIONS

**FOR YOUTH ONLY** Color photo of Conservation Practice. Photo taken between October 2018 and July 2019

**DEPARTMENT OJ  
OPEN CLASS POULTRY  
Superintendent - Tuffy Ghramm**

Classes limited to pens available. All Poultry except waterfowl must have a negative pullorum-typhoid test before entering at the fair. Read general rules. Poultry testing is scheduled for Friday, July 12th, 4:00-6:00 pm at the Fairgrounds.

**CLASS**

- 262. Bantam hen
- 263. Bantam cock
- 264. Other hens or pullets
- 265. Other cocks or cockerels
- 266. Duck Drakes
- 267. Duck Hens
- 268. Geese-hens or pullets
- 269. Geese ganders
- 270. 1 Turkey
- 271. 1 Pigeon

**DEPARTMENT OK  
OPEN CLASS RABBITS  
Superintendent - Libby Reed**

Rules - General Rules Apply

**Class**

- 272. Purebred junior buck under 6 months of age
- 273. Purebred junior doe under 6 months of age
- 274. Purebred senior buck over 6 months of age
- 275. Purebred senior doe over 6 months of age
- 276. Crossbred junior buck under 6 months of age
- 277. Crossbred junior doe under 6 months of age
- 278. Crossbred senior buck over 6 months of age
- 279. Crossbred senior doe over 6 months of age

**DEPARTMENT OL  
OPEN CLASS SEWING  
AND FANCYWORK**

**Superintendent - Annette Thomas**  
**Assistants - Michelle Lockhart**  
Read Open Class General Rules. Items should be labeled with exhibitor's name and address. One entry per class. Must be done with a needle or utensil and thread. No crafts allowed.

All exhibits should be the current years' work or not have been displayed previously at the Wilson County Fair.

A special award trophy will be given in the Open Class Sewing and Fancywork department to an over age 75 exhibitor.

**\*Evelyn Kidd Memorial Trophy\***  
**AWARDS:**  
Grand Champion Sewing  
Reserve Champion Sewing

**SEWING**  
**CLASS**

- 280. Lingerie, underwear, gowns, etc
  - 281. Fancy Dress
  - 282. Dress
  - 283. Pajamas or gowns
  - 284. Pants or Slacks
  - 285. Active Sportswear
  - 286. Blouses
  - 287. Vests
  - 288. Aprons
  - 289. Suits
  - 290. Coats and Jackets
  - 291. Baby Clothes
  - 292. Other Baby Item
  - 293. Pre-School Clothes
  - 294. Skirts
  - 295. Potholder
  - 296. Pair of Pillow Slips
  - 297. Doll Clothes
  - 298. Swim Suits
  - 299. Women's Pantsuit or Jumpsuit
  - 300. Sewn Bags (tote, purse, etc.)
  - 301. Sewn item made by exhibitor age 75 and over
- Awards:**  
Grand Champion Quilting  
Reserve Champion Quilting

**QUILTS**  
**CLASS**

- 302. Pieced and tacked, etc. or stuffed
  - 303. Cotton pieced and hand quilted
  - 304. Cotton pieced and machine quilted
  - 305. Cotton appliqued and hand quilted
  - 306. Cotton appliqued and machine quilted
  - 307. Unfinished Quilt (quilt top)
  - 308. Embroidered and Quilted
  - 309. Child's Quilt - hand quilted
  - 310. Child's Quilt - machine quilted
  - 311. Wall Hanging - machine quilted
  - 312. Wall Hanging - hand quilted
  - 313. Quilted Tablecloth
  - 314. Quilted Table Runner
  - 315. Single Quilt Block
  - 316. Stuffed Quilting, small articles such as pillow, pictures, etc.
  - 317. Quilted Clothing Article
  - 318. Polyester Quilt
  - 319. Quilted by another person
  - 320. Quilted by group
  - 321. Hand quilted item made by exhibitor age 75 and over
  - 322. Machine quilted item made by exhibitor age 75 and over
- Awards:**  
Grand Champion Yarn & Thread Work  
Reserve Champion Yarn & Thread Work

**CROCHET**  
**CLASS**

- 323. Hats or capes
- 324. Tablecloth
- 325. Fashion Accessories
- 326. Garments
- 327. Edging on pillowslips, handkerchiefs, etc.
- 328. Doily
- 329. Potholder/Hot Dish Mat
- 330. Poncho
- 331. Afghans, pieces set together such as granny squares
- 332. Afghans, other techniques
- 333. Baby Afghan, any technique or pieces set together such as granny squares
- 334. Broomstick lace

- 335. Hairpin lace
- 336. Afghan, drop stitch or Navajo
- 337. Other Crochet
- 338. Crocheted item made by exhibitor age 75 and over

**KNITTING**  
**CLASS**

- 339. Hats or caps
- 340. Garments (sweaters, dresses, etc.)
- 341. Articles, house slippers, scarves, etc.
- 342. Baby items
- 343. Afghans
- 344. Other knitting
- 345. Knitted item made by exhibitor age 75 and over

**TATTING**  
**CLASS**

- 346. Tatted item made with shuttle
- 347. Tatted item made with needles
- 348. Tatted item made by exhibitor age 75 and over

**WEAVING**  
**CLASS**

- 349. Afghan, throws, stole, etc
  - 350. Potholders
  - 351. Jackets or sweaters, etc.
  - 352. Other Weaving
  - 353. Woven item made by exhibitor age 75 and over
- Awards:**  
Grand Champion Other Fancy Work  
Reserve Champion Other Fancy Work

**EMBROIDERY**  
**CLASS**

- 354. Pillow slips
- 355. Tea Towel
- 356. Dresser scarves, doilies, etc.
- 357. Pictures
- 358. Crewel Embroidery
- 359. Pillow
- 360. Table Cloths
- 361. Silk Ribbon Embroidery
- 362. Counted Cross Stitch - Picture
- 363. Counted Cross Stitch - Pillow
- 364. Counted Cross Stitch - Other
- 365. Embroidery item made by exhibitor age 75 and over

**OTHER SEWING TECHNIQUES**  
**CLASS**

- 366. Best Button Box
  - 368. Hand Applique
  - 369. Machine Applique
  - 370. Other Sewing
- Technique**
- 371. Other Sewing
- Technique item made by exhibitor age 75 and over

**RUGS**  
**CLASS**

- 372. Hooked Rugs
- 373. Crochet Rugs
- 374. Braided Rugs
- 375. Latchhook Rugs
- 376. Other Rugs
- 377. Rug made by exhibitor age 75 and over

**SOFT SCULPTURE**  
**CLASS**

- 378. Fancy Pillows
  - 379. Stuffed Toys
  - 380. Other Soft
- Sculpture**
- 381. Soft Sculpture
- made by exhibitor age 75 and over

**YOUTH PROJECTS**

**Awards:**  
Grand Champion Youth Project  
Reserve Champion Youth Project

This category is to help encourage youth to sew and participate in fiber arts.

**RULES:**

- 1. For youth 8 years of age and under (Must be 8 years and under by August 1st of the current year).
- 2. Following classes are for youth not enrolled in 4-H.
- 3. Any help from a family member or friend on the project needs to be explained. Please attach an index card.

**CLASS**

- 382. Youth Sewing Project - small project, something to teach piecing of 2 pieces of fabric together.
- 383. Youth Quilt Project - 1 quilt block pieced together, something to teach matching corners together
- 384. Youth Knitting Project - small project to teach starting a project and adding stitches.
- 385. Youth Crochet Project - small project to teach making a chain and adding to it.
- 386. Youth Soft Sculpture Project - project can be sewn, crocheted, or knitted, then stuffed
- 387. Youth Tatting Project - small tatted project to teach simple rings and chains.
- 388. Youth Weaving Project - small woven project to teach basic under and over weaving techniques
- 389. Youth Embroidery Project - small project to teach basic embroidery stitches
- 390. Youth Rug Project - small rug, can be woven, hooked etc.

**DEPARTMENT OM  
OPEN CLASS SHEEP  
& GOATS  
(Requires advance entry by June 30)**

**Sheep Superintendent - Kay Tigner**  
**Goat Superintendent - Tony Signer**  
**Dairy Goat Superintendent - Tana McCarter**

**Sheep**

- 1. Sheep must be slick shorn with no more than .2inch wool.
- 2. All sheep must have scrapies ID tags.

**CLASS**

- 391. Ewe Lamb
- 392. Yearling Ewe
- 393. Aged Ewe
- 394. Ram Lamb
- 395. Yearling Ram
- 396. Market Lambs

**GOATS**

1. All goats need scrapie tags except registered dairy does which are tattooed and accompanied by their registration papers.

- 2. Up to two goats per class.
- 3. No Billy Goats Allowed.
- 4. Goats originating within the state of Kansas do not need to be tested for tuberculosis.
- 5. Goats originating out of the state of Kansas must meet one of the following requirements. (a) Goats must originate in and constitute a part of TB accredited goat herd. Herd accreditation number must be entered on the health certificate.
- (b) Goats not qualifying under item 5. must have a negative TB test within 90 days of show date.
- 6. Dairy Goats must be dairy breeds. If a mixed breed of dairy and meat goat, animal must be shown as a meat goat.

**CLASS**

- 397. Meat Goat
- Following Classes can be Dairy or Meat Goat (open class does may be divided by dairy and meat groups at the discretion of the superintendent if enough animals are exhibited)
- 398. Doe up to 6 months of age
  - 399. Doe 6-12 months of age
  - 400. Doe 12-24 months of age
  - 401. Doe 2 yrs. or older

**DEPARTMENT ON  
OPEN CLASS SWINE  
(Requires advance entry by June 30)**

**Superintendent - Brendan Coulter**

1. General Rules Apply

**CLASS**

- 401. Market barrow or gilt

**DEPARTMENT OO  
OPEN CLASS**

**VEGETABLES & FRUITS**

**Superintendent- Karen Meseraull**

General Rules Apply

- 1. Entries need to be on plates.
- 2. One entry per class.
- 3. Following judging, entries will be sold at Farmer's Market with the foods sale. One specimen of each exhibit will be left on display.

If exhibits are not picked up by 3:00 p.m. on Sunday produce will be disposed of.

**CLASS**

- 402. 3 cucumbers
- 403. 3 green beans
- 404. 3 wax beans
- 405. 3 other beans
- 406. 1 eggplant
- 407. 3 okra
- 408. 3 ears sweet corn-exhibited in husk as picked
- 409. 3 white potatoes
- 410. 3 red potatoes
- 411. 3 russet potatoes
- 412. 3 sweet potatoes
- 413. Pumpkin
- 414. Watermelon
- 415. Cantaloupe
- 416. Zucchini squash
- 417. Summer squash
- 418. Winter squash
- 419. 3 red onions
- 420. 3 white onions
- 421. 3 yellow onions
- 422. 3 slicing tomatoes
- 423. 3 cherry tomatoes
- 424. 3 pear shaped tomatoes
- 425. 3 beets
- 426. 3 carrots
- 427. 3 turnips
- 428. 3 sweet peppers
- 429. 3 hot peppers
- 430. 3 parsnips
- 431. 1 head of cabbage
- 432. 1 head of broccoli
- 433. 1 head of cauliflower
- 434. exhibit of 6 different fresh vegetables
- 435.3 other fresh vegetables not listed

436. Fresh Culinary herbs (6) Ex: parsley, basil, dill, etc. Six stems (or a comparable quantity) of ONE VARIETY of fresh herbs exhibited in a container of water. Dried herbs are not accepted.

- 437. 3 apples, list variety
- 438. 3 peaches, list variety
- 439. 3 pears, list variety
- 440. 3 plums, list variety
- 441. 3 bunches grapes, list variety
- 442. 1 pint Blackberries
- 443. 12 pecans, grafted stock varieties: Major, Green River, Giles, Starkling, Hardy Giant, Peroque, Hirschi, Chief & Hays. Any good named, grafted variety.
- 444. 12 Native Pecans from 1 tree.
- 445. 12 Native Walnuts. Best Wilson County Native Walnuts

**DEPARTMENT OP  
OPEN CLASS WOODWORKING  
Superintendent - Jerry Scott**

General Rules Apply for age groups

Limit 1 entry per class

**HAND TOOLS**  
**CLASS**

- 446. Indoor Projects
- 447. Outdoor Projects

**POWER TOOLS**  
**CLASS**

- 448. Indoor Projects
- 449. Outdoor Projects
- 450. Refinished Furniture
- 451. Other Woodworking

**4-H/FFA  
GENERAL RULES  
ENTRY RULES**

- 1. All exhibits require advance entries. Entries are due June 30th. Entries can be made online at FairEntry or in the Wilson County Extension Office, Courthouse, Room 1, Fredonia, KS 66736, phone 378-2167. No late entries accepted.
- 2. Only properly enrolled Wilson County 4-H and FFA members may compete in the 4-H and FFA division.
- 3. In 4-H, an exhibitor may enter only one exhibit per class in all departments unless listed differently in

the department rules.

- 4. Entry times- Thursday, July 25th from 5:30 to 7:30 p.m. Entry of all exhibits.

**THESE EXCEPTIONS:**

demonstration scheduled before the fair.

3. Livestock exhibitors should post cards with gain information and placing on pens. Exhibitors are responsible for keeping neat, attractive exhibits. All exhibitors must clean their own stalls and pens after the fair.

4. A herdsman contest will be held during the fair. Awards will be presented to the club with the cleanest and most attractive barn display. The emphasis will be on neatness and cleanliness. No Christmas type lights will be allowed.

5. A Round Robin Showmanship Contest will be held among the winners of the fitting and showing of beef, sheep, swine, dairy, goat, and horse.

6. All bedding will be paid for by the exhibitor. Wood chips will be available for purchase at the fair. NO STRAW! Members are in charge of cleaning their own stall space.

**HORSES**

1. All horses must have been identified by May 1 to show at the fair. Papers must be on file in the Extension Office.

2. All horses must have a negative coggins test to exhibit at the Fair.

**FAMILY AND CONSUMER SCIENCE**

1. Each exhibitor is limited to 5 garments per phase in clothing.

2. All pieces of 2 or 3 piece outfits must be constructed by the exhibitor.

**LIVESTOCK WEIGHT & TAG RULES**

1. To show at the fair all 4-H and FFA market beef must have been weighed and tagged at the February tag day. Bucket calves, market hogs market goats and market lambs must have been weighed and tagged at the May tag day.

2. ANYONE NOT WANTING TO BRING THEIR ANIMALS IN FOR THE MAY TAG DAY MAY DO SO. THE COUNTY AGENT WILL COME TO YOUR PLACE TO TAG THE ANIMAL PRIOR TO THE TAG DAY. NO TAGS WILL BE GIVEN OUT AFTER THE TAG DAY, UNLESS YOUR ANIMAL LOSES A TAG. THE AGENT SHOULD BE NOTIFIED IMMEDIATELY IF YOU LOSE A TAG.

3. Market Hogs must weigh 220 lbs to 290 lbs regardless of May tag-in weight. If they weigh less than 220 lbs. they will show in open class.

4. Market lambs must weigh 90-150 pounds to sell in the premium sale. If not in this weight range they will show in open class.

5. Market goats must weigh 50-120 pounds to sell in the premium sale. If not in this weight range they will show in open class.

6. Market beef steers and heifers must weigh 950 pounds to sell in the premium sale.

7. 4-H/FFA members may tag 4 swine, 4 sheep, 4 goats, 4 market beef and 2 bucket calves in each division. 3 market hogs, 2 sheep, 2 goats, 2 market beef and 1 bucket calf may be shown in 4-H/FFA classes.

8. Livestock can come in and be in place Thursday evening, but may be brought in Friday morning. Livestock must be in place by the end of species weigh in time on Friday morning. The scales may be used Thursday evening for (unofficial) weight and it is your responsibility to "O" the scale. With the set times, there will be ONE official weight across the scales. Livestock weigh times will be: Hogs: 7:30 - 8:30 am, Sheep/Goats: 8:30 - 9:30 am, Beef/Bucket Calves: 9:30 - 10:30 am.

**NO RE-WEIGHING OF LIVESTOCK WILL BE ALLOWED.**

**YOUTH LIVESTOCK PREMIUM SALE**

For many Wilson County 4-H and FFA members, the highlight of the fair is the livestock sale. The sale will be held Sunday, July 28th beginning at 6:00 pm.

Approximately 300 businesses from Wilson and surrounding counties contribute to the sale. Many of the young people save their proceeds from livestock sales for college expenses.

4-H and FFA members and 4-H and FFA leaders will distribute letters to potential buyers starting in May. Buyers can either personally bid at the auction or they may give their bid by donation to the Livestock Sale Committee.

For any livestock sold in the premium sale the buyer has the option to purchase the animal at base bid. If the animal is purchased at base bid, the animal becomes theirs and they can take that animal.

The premium sale is no longer a terminal sale. However, the animal will never be allowed to show again by anyone (buyers included) for market or breeding. There is the option to take the animal home and use for breeding purposes.

Extra livestock not in the premium sale may be purchased by individuals upon agreement of the owner.

Additional information may be obtained from the Extension Office.

1. 4-H and/or FFA members may sell 1 animal in the premium sale.

2. All livestock must have been shown in the appropriate class to sell in the premium sale.

3. Breeding animals will not be eligible for the premium sale.

4. A fee will be deducted from the base bid per member in the premium sale to cover sale operation expenses.

The fee will be \$15 per head.

5. 4-H & FFA members are responsible for their animals until loaded on the truck and shipped out. Pens must be cleaned by 4-H or FFA member. Trucks will be available for stall waste and waste should not be left in piles around the barns. Fair premiums may be withheld if stall cleanup is not considered complete by the Fair Board.

6. The last opportunity to change

premium sale animals will be immediately after the species has shown. It is the 4-H &

FFA member's responsibility to make any changes by this time.

7. Members will designate sale, base or home on each animal at weigh in. Unless changed after the show, this will determine the animals in the premium sale.

8. Beef, sheep, goat and swine sale order will be based on live placings.

9. 4-H & FFA members in the beef, sheep, goat and swine projects must attend two of the four livestock project meetings offered during the year to be eligible for the 4-H Premium Sale. There are no excused absences unless approved by the Livestock Sale Committee.

11. The sale committee will determine the base bid price.

**DEPARTMENT A 4-H VISUAL ARTS (Arts & Crafts) Superintendents Vicki Starr & Erin Cobb**

**TROPHIES:**

- G.C. Sr. Arts
- G.C. Int. Arts
- G.C. Jr. Arts
- G.C. Sr. Crafts
- G.C. Int. Crafts
- G.C. Jr. Crafts

Craft: Hobby type items such as tin punch, ceramics, dried flower arrangements, leather crafts. \*Fiber Arts such as cross stitch, embroidery, weaving, macrame, quilting, crochet, knitting, and other needlework, etc. are considered Fiber Arts. 4-H members should be enrolled in Fiber Arts projects and have these projects judged at 4-H Clothing Judging (see rule #1 below).

Art: Skilled cultural art such as drawings, oil paintings, etc. No kits.

1. The 4-H Fiber Arts projects will be judged with 4-H Clothing on Friday, July 20th. Those exhibits will be exhibited in the 4-H Clothing Department.

2. 4-H Arts and Crafts will be judged in three age groups. 4-H Ages 7-9 will be the Jr. Division, 10-13 will be the Int. Division and 4-H ages 14 and over will be Sr. Division. The State Fair limits the number of exhibits we can send to four and they are display only. After judging is completed there will be committee from the Fredonia Arts Council that will select the 4 exhibits that will be eligible for State Fair. They will also select 4 alternate exhibits that will be ranked.

Selections will be made from the top blue and champion exhibits only. Only one exhibit per member can be sent to the State Fair.

\*\*Wilson County is limited to 4 display entries in Arts & Crafts at the State Fair.

**VISUAL ARTS AND CRAFTS CLASS**

453. Jr. Art-5 items per exhibitor

454. Jr. Craft-5 items per exhibitor

455. Int. Art-5 items per exhibitor

456. Int. Craft-5 items per exhibitor

457. Sr. Art-5 items per exhibitor

458. Sr. Craft-5 items per exhibitor

**DEPARTMENT B 4-H BANNERS Superintendent - Mrs. Bob Evans**

Rosettes: Grand and Reserve Champion

1. Each 4-H Club may enter one banner. Enter them in the club name on the entry form by June 30.

2. Dimensions are to be no less than 12 and no more than 16 square feet, with a minimum of 3 feet on one side.

3. 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. On the other end of the 6" chain, attach an "S" hook which will permit the banner to be suspended by the chains.

4. Banners should be made of non-flammable materials that will permit the banner to be folded or rolled without damaging the display. Three dimensional objects may not be attached to the banner

5. 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.

6. The club display should avoid using copyrighted materials whenever possible by originating their own work. Copyrighted and/or trademarked materials utilized in banners for endorsement or promotion instead of educational purposes will be disqualified and will not be displayed.

**CLASS 459. 4-H Club Banner**

**DEPARTMENT C 4-H/FFA BOOTHS Superintendent - Mrs. Bob Evans**

Rosettes: Grand and Reserve Champion

\*\*Booths may be set up on Wednesday, July 25th from 10:00 am - 5:00 pm and Thursday, July 26th from 9:00 am - 5:00 pm. Booths must be in place by Thursday evening at 5:00 pm.

\*\*4-H Booths may be taken down beginning at 1:00 pm on Sunday, July 29th. All booths should be completely disassembled and materials from them should be removed by 3:00 pm so building clean up can be completed.

\*\*Note: no other exhibits may be taken from the exhibit building until 2:30 p.m.!

**DEPARTMENT E 4-H CLOTHING & TEXTILES Superintendent - Sandy Smith**

**4-H CLOTHING CONSTRUCTION**

Trophies:

- 460. Availability
- 461. Electric
- 462. Safety, health, music, agriculture, home economics, etc.
- 463. 4-H Promotion
- 464. FFA Promotion

**PROJECT BOOTH**

1. A 4-H member can promote one 4-H project. Entry due June 30 in the Extension Office.

2. One display per 6' booth

3. Same entry times as club booths

**CLASS 465. Project Booths**

**DEPARTMENT D 4-H/FFA CATTLE Beef Cattle Superintendent Randy Smith Dairy Cattle Superintendent Tana McCarter**

**MARKET BEEF**

Trophies:

G.C. Market Beef

Charles Pickell Memorial

This show will be a "no fit".

A no-fit is defined as using no adhesives, glue, paint or powder products.

**CLASS 466. Market Beef-Live Placing. All breeds show together. Divided into weight classes. See general rules for weight limits & sale information.**

**BREEDING HEIFERS**

Trophy: G.C. Breeding Heifer Overall

Dr. H.J. Davies Memorial

**CLASS 467. Heifer calves dropped after Sept. 1, 2018**

468. Yearling heifers dropped between Sept. 1, 2017 and Sept. 1, 2018

469. Heifer or cow dropped before Sept. 1, 2017

470. Cow/Calf pair dropped after Sept. 1, 2018

**BEEF FITTING & SHOWING**

Trophy: G.C. Beef Fitting & Showing

1. Steers and heifers may be entered.

2. Age as of Jan 1 of current year.

**CLASS 471. Jr. Fitting & Showing 7-9**

472. Intermediate Fitting & Showing 10-13

473. Sr. Fitting & Showing 14 and over

**DAIRY HEIFERS**

Trophy: G.C. Dairy Cow

1. All Dairy classes must be pure-bred dairy.

2. All breeds will show together

**CLASS 474. Heifer calf dropped after Sept 1, 2018**

475. Yearling Heifer, dropped between Sept 1, 2017 & Sept 1, 2018

476. Heifer or cow dropped before Sept. 1, 2017

**DAIRY FITTING & SHOWING**

Trophy: G.C. Overall Dairy Animal Fitting & Showing

**CLASS 477. Fitting & Showing-All 1 age group**

**BUCKET CALVES**

Trophy: G.C. Bucket Calf

1. Bucket calves are not judged on the conformation of the animal The member's knowledge of how to care for the animal is used as a basis for placing. Animals should be cleaned and brushed for the show.

2. Classes will be divided into two age groups, 10 - 12 / 9 & under.

3. See 4-H general rules for tag day requirements.

4. The top 2 from each class will compete for G.C. & R.C.

**CLASS 478. Bucket Calf for ages 9 & under. Either dairy or beef animals may be shown. Questions will be asked by the judge during the show. Care of the animal will be the main subject of questions. 50% knowledge, 25% showmanship, 25% grooming and care.**

479. Bucket Calf for ages 10 - 12 either dairy or beef animals may be shown. Questions will be asked by the judge during the show. Care of the animal will be the main subject of questions, 50% knowledge, 25% showmanship, 25% grooming & care.

480. Bucket Calf Poster Contest - Each bucket calf exhibitor may enter 1 poster about their project. It should include: their name, calf's name and a story about the calf. The poster can be decorated any way the exhibitor wants. The posters will be checked in during bucket calf weigh in.

**DEPARTMENT E 4-H CLOTHING & TEXTILES Superintendent - Sandy Smith**

**4-H CLOTHING CONSTRUCTION**

Trophies:

- 460. Availability
- 461. Electric
- 462. Safety, health, music, agriculture, home economics, etc.
- 463. 4-H Promotion
- 464. FFA Promotion

**PROJECT BOOTH**

1. A 4-H member can promote one 4-H project. Entry due June 30 in the Extension Office.

2. One display per 6' booth

3. Same entry times as club booths

**CLASS 465. Project Booths**

**ENTRY RULES:**

1. Enter the booth in the club's name on entry form by June 30.

2. Each booth should illustrate or demonstrate a phase of 4-H work.

3. Each club is responsible for material for their booth.

4. Booth will be about 6' square. Booths are pipe panels. It is strongly suggested that sturdy cardboard be attached to panels to be used for sides and backing.

5. Basis of Awards: Educational Value-40 Interest and Originality-20 Appearance-20 Quality of Display Material-20

6. General Rules Apply

7. Each club must label booth with a 4 x 6 card giving club name after judging is completed.

**CLASS 460. Availability**

461. Electric

462. Safety, health, music, agriculture, home economics, etc.

463. 4-H Promotion

464. FFA Promotion

**PROJECT BOOTH**

1. A 4-H member can promote one 4-H project. Entry due June 30 in the Extension Office.

2. One display per 6' booth

3. Same entry times as club booths

**CLASS 465. Project Booths**

**DEPARTMENT D 4-H/FFA CATTLE Beef Cattle Superintendent Randy Smith Dairy Cattle Superintendent Tana McCarter**

**MARKET BEEF**

Trophies:

G.C. Market Beef

Charles Pickell Memorial

This show will be a "no fit".

A no-fit is defined as using no adhesives, glue, paint or powder products.

**CLASS 466. Market Beef-Live Placing. All breeds show together. Divided into weight classes. See general rules for weight limits & sale information.**

**BREEDING HEIFERS**

Trophy: G.C. Breeding Heifer Overall

Dr. H.J. Davies Memorial

**CLASS 467. Heifer calves dropped after Sept. 1, 2018**

468. Yearling heifers dropped between Sept. 1, 2017 and Sept. 1, 2018

469. Heifer or cow dropped before Sept. 1, 2017

470. Cow/Calf pair dropped after Sept. 1, 2018

**BEEF FITTING & SHOWING**

Trophy: G.C. Beef Fitting & Showing

1. Steers and heifers may be entered.

2. Age as of Jan 1 of current year.

**CLASS 471. Jr. Fitting & Showing 7-9**

472. Intermediate Fitting & Showing 10-13

473. Sr. Fitting & Showing 14 and over

**DAIRY HEIFERS**

Trophy: G.C. Dairy Cow

1. All Dairy classes must be pure-bred dairy.

2. All breeds will show together

**CLASS 474. Heifer calf dropped after Sept 1, 2018**

475. Yearling Heifer, dropped between Sept 1, 2017 & Sept 1, 2018

476. Heifer or cow dropped before Sept. 1, 2017

**DAIRY FITTING & SHOWING**

Trophy: G.C. Overall Dairy Animal Fitting & Showing

**CLASS 477. Fitting & Showing-All 1 age group**

**BUCKET CALVES**

Trophy: G.C. Bucket Calf

1. Bucket calves are not judged on the conformation of the animal The member's knowledge of how to care for the animal is used as a basis for placing. Animals should be cleaned and brushed for the show.

2. Classes will be divided into two age groups, 10 - 12 / 9 & under.

3. See 4-H general rules for tag day requirements.

4. The top 2 from each class will compete for G.C. & R.C.

**CLASS 478. Bucket Calf for ages 9 & under. Either dairy or beef animals may be shown. Questions will be asked by the judge during the show. Care of the animal will be the main subject of questions. 50% knowledge, 25% showmanship, 25% grooming and care.**

479. Bucket Calf for ages 10 - 12 either dairy or beef animals may be shown. Questions will be asked by the judge during the show. Care of the animal will be the main subject of questions, 50% knowledge, 25% showmanship, 25% grooming & care.

480. Bucket Calf Poster Contest - Each bucket calf exhibitor may enter 1 poster about their project. It should include: their name, calf's name and a story about the calf. The poster can be decorated any way the exhibitor wants. The posters will be checked in during bucket calf weigh in.

**DEPARTMENT G 4-H/FFA CROPS Superintendent - Karen Meseraul**

General Rules apply

1. No plugs in jars of grain will be allowed.

2. List variety.

Trophy: G.C. Crops

**CLASS 2400. Corn - White**

2401. Corn - Yellow

2402. Hybrid grain sorghum

2403. Hybrid forage sorghum

2404. Other forage sorghums\*

2405. Soft red winter wheat

2406. Hard red winter wheat

2407. Hard white wheat



paper to the back of one of the display boxes. Members may continue to exhibit in this class at the Kansas State Fair for an unrestricted number of years as long as they remain eligible for 4 H membership.\*

**EDUCATIONAL DISPLAYS**

1. Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into Entomology Collection or notebook classes above.

2. Follow copyright laws as explained in the General Rules.

3. The exhibit may be, but isn't limited to, original works, digital presentations (must provide printed hardcopy for exhibit purposes for duration of state fair), programs, websites, games, apps, display box, notebook, display or poster which you have made.

4. If the exhibit is a wooden display box, it must be 18 X24 X 3.5 inches with a clear plastic top (such as plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22" X 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' X 4' tri-fold display board.

5. Name and county/ district must clearly be marked on educational exhibits.

**CLASS**

4902. Class for individuals that are exhibiting in the Beginning I and II Collection or Beginning Notebook Classes. If only exhibiting in this category, then ages 7-12.

4904. Intermediate Educational Exhibit\* Class for individuals that are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. If only exhibiting in this category, then ages 11-14

**CLASS**

4906. Advanced Educational Exhibit\* Class for individuals that are exhibiting in the Advanced Collection or Advanced Notebook Classes. If only exhibiting in this category, then ages 13 or older

**ENTOMOLOGY COLLECTION NOTEBOOKS**

1. Individual entries are to be placed for display in a three-ring notebook for competition.

2. 4-Hers may choose to use one of two taxonomies:

a) As printed in "Insects in Kansas" book or

b) As printed on the "Insects in Kansas Book 2016 Revised Taxonomy", which follows www.bugguide.net

3. 4-H'ers who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the beginning phase of Entomology Notebooks, not the introductory phase.

4. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitor's name, county or district and class 4-H'er is enrolled in and statement of taxonomy used:

a) "Insects in Kansas" book or

b) "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net

The number of orders, specimens and families (required in Intermediate and Advanced classes) must also be included on the Title Page.

5. Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.

6. Date, common name, full county name, state abbreviation and collector name should be included for each species. Collectors name on the specimen page is optional.

7. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.

8. A statement describing the habitat where found/host plant may be included and is encouraged and will be worth a bonus 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.

9. A divider page is to be placed in front of each order of insects with the order name printed on the tab for the page and also on the front of the divider page.

10. For the intermediate and advanced classes, insects are also to be grouped by family behind each order divider.

11. If the exhibitor has been in the same class for more than one year, a separate sheet of paper needs to be added stating how many years the exhibitor has been in this class of the project and what the exhibitor did this year to improve their notebook. Place the paper just behind the title page in the front of the notebook.

12. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.

4907. Introductory Entomology Collection Notebook\* Display a minimum of 10 and a maximum of 30 insect species representing at least six different orders. Follow the general guidelines listed for Notebooks, including the special project. A 4-H member must be of minimum age to compete at the State Fair. A 4-Her may exhibit in this class for a maximum of two years.

4908. Beginning Entomology Collection Notebook\* Display a minimum of 20 and a maximum of 60 insect species representing at least seven different orders. Follow the general guidelines listed for all Notebooks, including the special project. Members can exhibit in this class a maximum of 3 years or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

4909. Intermediate Entomology Collection Notebook\* Display a

minimum of 60 and a maximum of 100 species representing at least nine orders. Follow the general guidelines listed for Notebooks including the special project. In addition, family identification is required for all insects in any two of the following six orders (Only two will be counted for judging).

a) "Insects in Kansas book- Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or

b) "Insects in Kansas Book: 2016 Revised Taxonomy" which follows www.bugguide.net - Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera. A 4-Her may exhibit in this class for a maximum of three years. A 4-H'er may move up if they receive a purple ribbon.\*

4910. Advanced Entomology Collection Notebook\* Display a minimum of 100 and a maximum of 200 species representing at least twelve orders. Follow the general rules listed for Notebooks including the Special Project. Follow the general guidelines listed for notebooks. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging. In addition, family identification is required for all insects in the following six orders: Orthoptera, Hemiptera, Odonata, Coleoptera, Diptera, and Hymenoptera. Family identification in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.\*

**DEPARTMENT K**

**4-H FLOWERS & PLANTS**

**Superintendent – Karen Meseraull**

Trophy: G.C. Flowers and Plants

1. Judged on perfection of flowers and plants.

2. Entries in non-tipping container.

3. No artificial foliage, no leaf shine.

**CLASS**

4911. Three marigolds

4912. Three roseolds

4913. Three petunias

4914. Three zinnias

4915. Three other flowers, 1 variety

4916. Cacti

4917. Blooming house plant

4918. Non-blooming House plant

4919. Vine (philodendron or Wandering Jew)

4920. Other

4921. Fresh Flower Arrangement - Grown by 4-H'er - (Can Qualify for State Fair)

4922. Fresh Flower Arrangement - Purchased Flowers (Cannot Qualify for State Fair)

4923. Dried Flower Arrangement, no fabric or plastic material allowed.

4924. Horticulture Notebook. Entry shall consist of a notebook or three ring binder of written narrative describing a horticulture project such as a landscape design, landscape installation, lawn renovation, water garden, flower garden, vegetable garden, lawn mowing service, landscape maintenance business, Farmer's market business, or other horticulture project. 4-H'ers are encouraged to include photographs, illustrations and/or landscape drawings that help explain work done by the member. Photos taken from the same location before, during and after the completion of the project are particularly helpful. Horticulture notebook scoring is as follows: Organization and general appearance (neat, includes title page and table of contents, original, creative, etc.) 20%, Narrative (including goals, successes, failures, etc.) 40% General Content (subject matter, photos, maps, knowledge gained, etc.) 40%.

**DEPARTMENT L**

**4-H FOODS**

**Superintendent - Janice Reese**

1. Only 1 exhibit per class number. Limit 5 exhibits per level. All foods will be judged on food judging day before and brought back for display during fair.

2. Remove baked products from baking pans & place on covered cardboard cut to fit the size of the product & place in plastic bag, secure with wire twisties. The entire product should be entered, ie. no half cakes, etc. Use at least a 7" x 7" pan. Include 6 cookies, rolls, cupcakes, biscuits, etc. for judging.

3. After the foods have been judged, they will be sold immediately with the proceeds going to the 4-H Council. A small exhibit will be left for each entry. Exhibitors must agree on this plan.

4. Cakes may be made from your favorite recipe or a commercial mix. Layer cakes must be 2 or more complete layers.

5. No alcohol should be included as an ingredient in food entries. Entries with alcohol in the recipe will be disqualified and not be judged.

6. Judging criteria for Recipe Collections will be based on: 1) whether or not the recipes are related to those in the project b) they are to be recipes made in the project c) neatness d) ease of addition of recipes in the future. e) minimum of 10 recipes.

7. Educational classes: Exhibits may be in the form of a poster, notebook or display. If a poster, it must not be larger than 22" x 28". Displays are not to exceed a standard commercial 3' x 4' tri-fold display board.

**8. Read 4-H General Rules**

9. Foods entries are due in the Extension Office by June 30.

10. 4-H'ers have the opportunity to exhibit perishable or non-perishable exhibits through consultation judging. If 4-H'er chooses to exhibit a perishable product it must be accompanied by a photo of the food product. Prepare your exhibit of perishable foods with

mounted, close-up photo of the food(s) cleared on a photo mount board (available at the Extension Office for \$1.00 each). You will need just one photo of each exhibit but you may put more than one photo on the mounting boards (2 or 3 exhibits per board). Include your name, club, project level, class number and type of food on the mat board. Leave a 2 inch margin on the right side of the mount board so your ribbon can be attached. You may also decorate your exhibit

11. Recipes are required for all food product exhibits.

Trophy: G.C. Level I Foods & Nutrition Level IV

**FOODS & NUTRITION LEVEL I**

Ages 7 & 8

(Exhibits may be Perishable or Non-Perishable see Rule 9). If perishable must be accompanied by photo. Foods can be recipes from Level I Project Materials or another recipe.

**\*FOODS IN THIS LEVEL SHOULD BE SIMPLE RECIPES. IE... ONE LAYER CAKE, COOKIES, SIMPLE QUICK BREAD, SIMPLE MEAT DISHES, ETC. - Recipes should be kept age appropriate for a 7-8 year old to be able to make with very little/no adult help!**

**CLASS**

637. Perishable Exhibit from Bread/Cereal Group - Photo Required

638. Perishable Exhibit from Vegetable Group - Photo Required

639. Perishable Exhibit from Fruit Group - Photo Required

640. Perishable Exhibit from Dairy Group - Photo Required

641. Perishable Exhibit from Meat/Protein Group - Photo Required

642. Perishable Exhibit from Sugar/Fat Group - Photo Required

643. Non-perishable Exhibit from Bread/Cereal Group

644. Non-perishable Exhibit from Vegetable Group

645. Non-perishable Exhibit from Fruit Group

646. Non-perishable Exhibit from Dairy Group

647. Non-perishable Exhibit from Meat/Protein Group

648. Non-perishable Exhibit from Sugar/Fat Group

649. Recipe Box

650. Educational Exhibit

Trophy: G.C. Foods & Nutrition Level II

**FOODS & NUTRITION LEVEL II**

Ages 9, 10 & 11

(Exhibits may be Perishable or Non-Perishable see Rule 9). If perishable must be accompanied by photo. Foods may be recipes from Level II project materials or other recipes.

**CLASS**

651. Perishable Exhibit from Bread/Cereal Group-Photo Required

652. Perishable Exhibit from Vegetable Group-Photo Required

653. Perishable Exhibit from Fruit Group-Photo Required

654. Perishable Exhibit from Dairy Group-Photo Required

655. Perishable Exhibit from Meat/Protein Group-Photo Required

656. Perishable Exhibit from Sugar/Fat Group-Photo Required

657. Non-perishable Exhibit from Bread/Cereal Group\*

658. Non-perishable Exhibit from Vegetable Group\*

659. Non-perishable Exhibit from Fruit Group\*

660. Non-perishable Exhibit from Dairy Group\*

661. Non-perishable Exhibit from Meat/Protein Group\*

662. Non-perishable Exhibit from Sugar/Fat Group\*

663. Modified non-perishable food product. \* Product must be modified from original recipe to nutritionally enhance the food product. Attach one 8 1/2 x 11-inch page (front and back) that included Original Recipe, Modified Recipe, and narrative to describe modifications made, why modifications were made and lessons learned such as nutritive value, or changes in appearance, doneness, aroma, flavor, tenderness and/or texture.

664. Recipe Box

665. Educational Exhibit\*

Trophy: G.C. Foods & Nutrition Level III

**FOODS & NUTRITION LEVEL III**

Ages 12-14

666. Perishable Exhibit from Bread/Cereal Group - Photo Required

667. Perishable Exhibit from Vegetable Group - Photo Required

668. Perishable Exhibit from Fruit Group - Photo Required

669. Perishable Exhibit from Dairy Group - Photo Required

670. Perishable Exhibit from Meat/Protein Group - Photo Required

671. Perishable Exhibit from Sugar/Fat Group - Photo Required

672. Non-perishable Exhibit from Bread/Cereal Group\*

673. Non-perishable Exhibit from Vegetable Group\*

674. Non-perishable Exhibit from Fruit Group\*

675. Non-perishable Exhibit from Dairy Group\*

676. Non-perishable Exhibit from Meat/Protein Group\*

677. Non-perishable Exhibit from Sugar/Fat Group\*

678. International Food

679. Modified non-perishable food product.\* Product must be modified from original recipe to nutritionally enhance the food product. Attach one 8 1/2 x 11 inch page (front and back) that included Original Recipe, Modified Recipe, and narrative to describe modifications made, why modifications were made and lessons learned such as nutritive value, or changes in appearance, doneness, aroma, flavor, tenderness and/or texture.

680. Recipe Box

681. Educational Exhibit\*

**FOODS & NUTRITION LEVEL IV**

Age 15 & Over

**CLASS**

682. Perishable Exhibit from Bread/Cereal Group -Photo Required

683. Perishable Exhibit from Vegetable Group - Photo Required.

684. Perishable Exhibit from Fruit Group - Photo Required

685. Perishable Exhibit from Dairy Group - Photo Required

686. Perishable Exhibit from Meat/Protein Group - Photo Required

687. Perishable Exhibit from Sugar/Fat Group - Photo Required

688. Non-perishable Exhibit from Bread/Cereal Group\*

689. Non-perishable Exhibit from Vegetable Group\*

690. Non-perishable Exhibit from Fruit Group\*

691. Non-perishable Exhibit from Dairy Group\*

692. Non-perishable Exhibit from Meat/Protein Group\*

693. Non-perishable Exhibit from Sugar/Fat Group\*

694. Food Gift Package\* - No alcoholic beverages will be accepted. A food gift package is considered a non-perishable food product and must contain at least 3 different food items (prepared for human consumption) in a suitable container no larger than 18" x 18" x 18". Prepared food items must have recipes attached with the entry. Additional homemade food items beyond the 3 minimum or purchased items may also be included in the package. Home canned foods must follow Food Preservation rules. Canning jars should not be used for baking per manufacturer's instructions. They could break during baking.

695. Decorated Food Item - A decorated food item must be a food item, not a decorated box. Decorated cakes will no longer be accepted for exhibit at the State Fair (2010).

696. Modified non-perishable food product.\* Product must be modified from original recipe to nutritionally enhance the food product. Attach one 8 1/2 x 11 inch page (front and back) that included Original Recipe, Modified Recipe, and narrative to describe modifications made, why modifications were made and lessons learned such as nutritive value, or changes in appearance, doneness, aroma, flavor, tenderness and/or texture.

697. Recipe Box

698. Educational Exhibit\*

**DEPARTMENT M**

**4-H FOOD PRESERVATION**

**Superintendent - Janice Reese**

Trophy: G.C. Food Preservation

1. Each jar exhibited must be labeled. The label must not cover brand name of jar. The label must give: Product, Altitude where processed, Canning Method (water bath, weighted gauge or dial gauge pressure method), Process Time, Pressure (psi), date processed including month and year, Name and County. Label templates may be found at <http://www.kansas4h.org/p.aspx/tabid-46>.

2. See General Rules.

3. Recommended recipe resources include: K-State Research and Extension Food Preservation publications, USDA Complete Guide to Home Canning, So Easy to Preserve, 6th edition from The University of Georgia Cooperative Extension Service, Ball Blue Book Guide to Preserving, Ball Complete Book of Home Preserving, All New Ball Book of Canning and Preserving, Canning mixes (i.e. Mrs. Wages, Ball), Pectin manufacturers (i.e. SureJell, Ball) and <http://www.rrc.k-state.edu/preservation/recipes.html>

Refer to the following K-State Research and Extension publications for more information: 4H712 - Food Safety Recommendations for Food Preservation Exhibits, MF3170 - 10 Tips for Safe Home Canned Food, MF3171 - Sassy Safe Salsa at Home, MF3172 - "What's Your Elevation?", MF3241 - How to Guide to Water Bath Canning and Steam Canning, MF3242 - How to Guide to Pressure Canning.

4. Exhibits must be sealed in clean standard canning jars with matching brand (use Ball on Ball jars, or Kerr on Kerr jars, etc., requirement will be strictly enforced. Do not use colored jars. Ball and Kerr plaid or fruit decorated or brushed silver lids are permissible, but fancy padded lids, fabric wraps etc. should not be used. No fancy packs unless recipe states to do so (ex. pickled asparagus). Jars must be sealed when entered. For food safety reasons, the size of jars used must not be larger than the jar size stated in the recipe. Note: There are now 12 ounce, 24 ounce and 28 ounce canning jars available. If there is not a USDA recommended process time available for the 12-ounce jar, these may be used with a pint jar canning process recommendation. Use quart jar process recommendations for 24 ounce jars.

5. No alcohol should be included as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not be judged.

6. The exhibits will be judged on the quality of canned products & choice foods. If menus are required, balance & simplicity of the menu will also be considered.

7. Jellies, jams & pickles can be opened for judging.

8. If dried food product is not in a canning jar, it will be lowered one ribbon rating. Suggested amount: 1/3 - 1/2 cup, or three or four pieces per exhibit. All meat jerky must be cooked heated to an internal temperature of 160 degrees F before or after drying.

9. The exhibits will be judged on the quality of canned products & choice foods. If menus are required, balance & simplicity of the menu will also be considered.

10. If you retrieve information for your forestry exhibit, you must include a reference citation to the source.

11. In all leaf collections exhibit one complete leaf where possible. If leaf is too large, exhibit as much as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion is from. Note: A "leaflet" is incorrect when displayed as the complete leaf for the tree.

12. All work must show originality. Leaf collections and displays should not closely resemble work done by others in the same club.

13. Exhibit only in phase enrolled.

**JR. 4-H FORESTER**

**"KNOWING TREES AS INDIVIDUALS"**

**CLASS**

5100. Beginning (Choose A or B)

a. Exhibit a minimum of 10 different leaves from native Kansas trees collected within the year. Can include non-native specimens in addition to the required native Kansas tree specimens.

b. Exhibit a minimum of 5 native Kansas trees showing leaf, twig and fruit from each species collected.

This is not the drying temperature! Dried products must include the recipe, preparation steps and heating instructions. Jerky not heated to an internal temperature of 160 degrees F will be disqualified and not be judged. Heating information can be found in "Dry meat Safely at Home" www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf9. Limit of 5 entries per exhibitor. Judging will take place on day of foods judging (before fair) and brought back for display during fair.

10. 1 jar of product required for each class (exception: dried foods).

11. Recipe is required and must include recipe source, date of publication and altitude where food was processed. If using Mrs. Wage's or Ball mixes, indicate the date the mix was purchased.

**LEARNING TO PRESERVE FRUITS CLASS**

699. Fruits, juices, fruit mixtures (salsa, pie filling, etc.) (one jar)\*

700. Sweet spreads (fruit and/or vegetables) syrups (one jar)\*

701. Tomato/tomato products (tomato juice and tomato salsas) (one jar)\*

**LEARNING TO PRESERVE NON-ACID FOODS CLASS**

702. Low acid vegetables (green beans, corn, etc. or vegetable mixtures) (one jar)\*

703. Pickles (fruit or vegetable), fermented foods and relishes and chutney (one jar)\*

704. Meats (one jar)\*

**SPECIAL FOOD PRESERVATION EXHIBITS CLASS**

705. One hiking meal of 4-5 dried foods, about 1/2 to 3/4 cup each. Include menu.

706. A fruit leather, any 1 flavor. Three rolled PCs. (4-6" long).



5101. Intermediate (Choose A or B)  
 a. Exhibit a minimum of 20 different leaves (including 10 new) from native Kansas trees collected within the year. Can include non-native specimens in addition to the required native Kansas tree specimens.  
 b. Exhibit a minimum of 10 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.\*

5102. Senior (Choose A or B)  
 a. Exhibit leaves of a minimum of 30 (includes at least 10 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.\*  
 b. Exhibit a minimum of 15 native Kansas trees showing leaf, twig, and fruit from each species collected. This exhibit must include 5 new leaf, twig and fruit specimens.\*

5103. Advanced (Choose A or B)  
 a. Exhibit a minimum of 40 different leaves (including 20 new specimens) from native Kansas trees. Exhibit can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.\*  
 b. Exhibit a minimum of 20 native Kansas trees showing leaf, twig and fruit from each species collected. This exhibit must include 10 new leaf, twig and fruit specimens.\*\*\*Exhibit one complete leaf where possible. Where leaf is too large, exhibit as much of terminal portions as possible. Sketch in reduced scale the entire leaf and illustrate where the exhibited portion comes from

“HOW A TREE GROWS”  
 CLASS  
 5104. Entry may include a project notebook with 10 or more seeds collected with pictures showing a germination study or a mounting of a thin section of wood cut from the end of a log or top of stump labeled with information such as kind of wood and age of tree when cut or exhibits an illustration of how a tree grows.

“TREE APPRECIATION”  
 CLASS  
 5105. Display - Entry may include a research or reporting notebook with no more than 10 pages based on the exhibitor's selected tree. This notebook may include sketches, drawings, pictures, a story, or any other things which will help tell about the tree you have selected. Junior Forestry Record.\*  
 SR. 4-H FORESTER  
 “GROWING & PROTECTING TREES”  
 CLASS  
 5106. Display: Entry requires project notebook telling about project & pictures before, during & after planting seedlings. Maximum tri-fold size is 3' x 4'.

“TREE CULTURE”  
 CLASS  
 5107. Display required project notebook showing your project work & including pictures of before, during & after woodlot improvement. Maximum tri-fold size is 3' x 4'.

“HOW FORESTS SERVE US”  
 CLASS  
 5108. Display collected wood samples (all or partial) & 500 word essay. Wood sample to be mounted on poster board or any stiff mounting material no larger than a 3' x 4' tri-fold. Essay should be in covered binder.\*  
 5109. Display: Entry must be directly related to tree identification or Forestry. Type of exhibit is open (notebook, poster, collection box, etc.) given a maximum size of 3' X 4' tri-fold. Care should be taken to use durable materials that will withstand State Fair conditions. This is a good class to exhibit an unusual collection.

**DEPARTMENT O**  
**4-H GEOLOGY**  
**Superintendent - Kari Lockhart**  
 Trophy: G.C. Geology  
 1. Standard size exhibit is 18" x 24" x 3 1/2". Arrange specimens across the narrow 18" side making the exhibit 18" wide & 24" deep. Plexiglass or glass covers must be removable from the top. Screws, locks, or other devices that would prevent judges from removing the cover should not be used. Note: All boxes entered in the Geology Divisions must be covered by plexiglass (no glass). For Lapidary classes only, the dimensions of the box should be appropriate for the display, but should not exceed 18"x24"x 3 1/2".

2. Each exhibitor is required to identify each display box by placing an identification label bearing name, county and number of specimens in the upper left hand corner of the plexiglass cover (inside-use clear double sided tape to adhere gummed labels), and by attaching a label with the same information on the lower right corner of the box (outside).  
 3. Geology specimens should be labeled with the number of the specimen, date collected, specimen name or description, and locality (county only) where collected.  
 4. Geology specimens should be mounted in the box by proper groups: rocks, minerals, fossils. Fossils must be identified to Phylum, Class and Genus level. Genus name is to begin with a capital letter. Species name is all lower case. Genus and species names must either be italicized or underlined, not both. The words "phylum, class, genus" on labels are to be spelled out, not abbreviated.. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formations. Specimen label must show this distinction (Fort Hays limestone, not just limestone; calcite from the Greenhorn Formation, not just calcite; Phylum: Brachiopoda

**DEPARTMENT P**  
**4-H/FFA GOATS**  
**Superintendent-Tony Signer**  
**Dairy Superintendent**  
**Tana McCarter**  
 Trophies:  
 G.C. Market Meat Goat  
 G.C. Breeding Goat - Meat  
 G.C. Goat Showmanship  
 G.C. Dairy Goat  
 1. Read General Rules.  
 2. Goats age based on day judged.  
 3. Should be free of abscesses and

Class: Articulata Genus; composita from the Morrill Limestone Member, not just Phylum: Brachiopoda Class: Articulata Genus: Composita).  
 5. For geology display classes of rocks, minerals, and fossils all specimens must be collected (not purchased) from locations in Kansas, with the exception of Tri-State mining Area specimens collected from these three adjacent counties: Ottawa County, OK; Newton and Jasper Counties, MO. Other out of state specimens will not count in the minimum number for the class, nor will they be considered in the judging.  
 CLASS  
 5200. Display at least 15 rocks, minerals and fossils collected during the current 4-H year. Limited to one exhibit box 18" x 24" x 3 1/2" with glass cover. This class is open to those exhibiting either first or second time at fair. Fossils must be identified to the Phylum level.\*  
 5201. Display at least 30 rocks, minerals and fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. Limited to one exhibit box 18" x 24" x 3 1/2" with glass cover. This class is open to those exhibiting either first or second time at fair. Fossils must be identified to the Phylum level.\*  
 5202. Display at least 45 rocks, minerals, or fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. Exhibit limited to two boxes. This class is open to those exhibiting either the third or fourth time at the fair. Identify the rocks as igneous, metamorphic or sedimentary. These rock types must be spelled out on labels or have a legible key.\*  
 5203. Display at least 60 rocks, minerals, or fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. Exhibit limited to two boxes. This class is open to those exhibiting the fifth time or more at the fair. Identify the rocks as igneous, metamorphic or sedimentary. The rock types must be spelled out on labels or have a legible key.\*  
 5204. Geology Educational Exhibit-Related to everyday living or to a mineral test, a rock formation, geological history, species of a fossil, forms of one mineral, a variation of 1 kind of rock, archaeological artifacts or Indian artifacts. Digital formats are accepted. Please make arrangements for the judge to view your exhibit and have a hard copy for display. Care should be taken to use durable materials that will withstand fair conditions. Exhibit limited to 4 feet of table space. Exhibitor may show in the class regardless of number of times he or she has exhibited at the fair.\*  
 5205. Mineralogy. Display a minimum of 15 mineral specimens collected in Kansas, at least 5 which have been collected during the current 4-H year. The minerals are to be grouped by mineral class (ie: Carbonates, Oxides, Silicates) and at least 3 classes must be represented. The member must use one standard display box. The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (ie: CaCo3 for calcite) if known.\*  
 LAPIDARY  
 CLASS  
 5300. Lapidary. Display at least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. These do not have to be and example of "before and after", nor do they have to be self-collected. Locales must be identified.\*  
 5301. Lapidary. Display before and after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. There is no requirement that the 4-H'er collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.\*  
 5302. Lapidary. Display before and after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least two varieties should be collected from the native site by the 4-H'er, at least one of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.\*  
 5303. Lapidary. Display before and after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 unpolished of each. At least three varieties should be collected from the native site by the 4-H'er, at least two of which comes from Kansas. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.\*  
 5304. Lapidary. Exhibit at least 6 specimens that have not previously been exhibited, which have received lapidary treatment, Lapidary treatment may consist of polishing, and end, face, or flat lapping. Specimens must represent at least 3 different varieties and include at least three cabochons of any size or shape, only one of which may be free-formed. A cabochon is a style of cutting in which the top of the stone forms a domed or curved convex surface. Three of the specimens must be mounted into jewelry findings.\*

**DEPARTMENT Q**  
**4-H HOME ENVIRONMENT**  
**Superintendent-Mrs. Bob Evans**  
 Trophy: G.C. Home Environment  
 1. Read General Rules.  
 2. A member may have only 1 exhibit per class in this division.  
 CLASS  
 4400. Single Exhibit-An article made b the 4-H'er for the home. Attach a 3" x 5" index card explaining how the item was made or refinished, costs involved and how it fits into the color and design of the room\*  
 4401. Educational poster or display. Posters must be no larger than 22" x 28" poster board. Displays are not to exceed a standard commercial 3' x 4' tri-fold display board\*  
 4402. Notebook\* (Posters or notebooks may include swatches, colors, stories, photographs, and project records which detail what was accomplished this year with a given indication of long-term plans.)

**DEPARTMENT R**  
**4-H/FFA HORSES**  
**Superintendent-Abby Boss**  
 Trophies:  
 G.C. Walk Trot Overall  
 G.C. Western Pleasure  
 G.C. Western Horsemanship  
 G.C. Overall Mare  
 G.C. Overall Gelding  
 G.C. Horse Fitting & Showing  
 G.C. Overall Timed Event  
 Proof of a negative Coggins test within the last 12 months must be shown before the horse will be allowed to unload on fairgrounds.  
 RULES FROM THE KANSAS 4-H HORSE SHOW RULE BOOK WILL BE FOLLOWED.  
 1. Horses may come to the fair and stay the entire fair, or bring your horse for the show and then take them home. They either come to stay or you bring for the show and take home - not both.  
 2. Horses will be shown at the exhibitor's risk  
 3. Age of colt is determined as of January 1 in the year it was born.  
 4. Each exhibit must have been cared for and managed by the 4-H member 75% of the time between May 1st and September 30th.  
 5. Members shall wear clothing as specified by the "Kansas 4-H Horse Show Rule Book".  
 6. Horses can be worked in the Rodeo arena. NO HORSE WILL BE OUTSIDE THE FENCE FOR ANY REASON UNLESS GIVEN PERMISSION BY THE HORSE SUPERINTENDENT UNLESS LEAVING AND NOT COMING BACK.  
 7. ID papers must have been filed by May 1 in the County Extension

breed generally healthy.  
 8. If participating in walk-trot classes members will receive a white ribbon in timed events if the horse lope.  
 9. Walk-trot class rules follow those in the 4-H rule book, but the rider is not asked to lope. Riders are not eligible for walk-trot classes if they have ever loped in a class at any previous show.  
 10. Halter classes will be divided into two divisions - stock horse (Quarter, Appaloosa, etc.) and pleasure type (Morgans, Arabians, Tennessee Walkers, etc.)  
 11. Horseless Horse Showmanship winners are not eligible to show for champion Fitting and Showing.  
 HORSE HALTER  
 CLASS  
 785. Weanling Stud Colt-Stock  
 786. Weanling Stud Colt-Pleasure  
 787. Weanling Filly Colt-Stock  
 788. Weanling Filly Colt-Pleasure  
 789. Yearling Filly-Stock  
 790. Yearling Filly-Pleasure  
 791. 2 Year Old Filly-Stock  
 792. 2 Year Old Filly-Pleasure  
 793. 3 Year Old Mare-Stock  
 794. 3 Year Old Mare-Pleasure  
 795. 4 Year and Older Mare-Stock  
 796. 4 Year and Older Mare-Pleasure  
 797. Yearling Gelding-Stock  
 798. Yearling Gelding-Pleasure  
 799. 2 Year Old Gelding-Stock  
 800. 2 Year Old Gelding-Pleasure  
 801. 3 Year Old Gelding-Stock  
 802. 3 Year Old Gelding-Pleasure  
 803. 4 Year and Older Gelding-Stock  
 804. 4 Year and older Gelding-Pleasure  
 805. Horseless Horse Halter Class  
 806. Jr Fitting & Showing-13 or younger  
 807. Sr Fitting & Showing-14 & older  
 808. Horseless Horsemanship at Halter-13 or younger  
 809. Horseless Horsemanship at Halter-14 or over  
 HORSE PERFORMANCE  
 CLASS  
 811. English Pleasure Walk-Trot  
 812. English Pleasure, All Ages  
 813. English Equitation Walk-Trot  
 814. English Equitation  
 815.m 4-H Western Pleasure for ponies 56" and under  
 816. 4-H Western Pleasure Walk-Trot  
 817. 4-H Western Pleasure Age 7-9  
 818. 4-H Western Pleasure Age 10-13  
 819. 4-H Western Pleasure Age 14 and over.  
 820. 4-H Western Horsemanship Walk-Trot  
 821. 4-H Western Horsemanship Age 7-9  
 822. 4-H Western Horsemanship Age 10-13  
 823. 4-H Western Horsemanship Age 14 and over  
 824. Reining  
 825. Barrel Racing 13 and under  
 826. Barrel Racing 14 and over  
 827. Poles 13 and under  
 828. Poles 14 and over  
 829. Flags 13 and under  
 830. Flags 14 and over  
 831. Trail Class Age 7-9  
 832. Trail Class Age 10-13  
 833. Trail Class Age 14 and over

**DEPARTMENT S**  
**4-H/FFA HORTICULTURE**  
**Superintendent- Karen Meseraull**  
 Trophy: G.C. Horticulture  
 1. Entries need to be on plates.  
 2. A publication is available online that contains tips on exhibiting produce. "Exhibiting Fruits and Vegetables" is available at <http://www.pdf.ksu.edu/bookstore/pubs/c405>.  
 3. Following judging entries, will be sold at Farmer's Market with the foods sale. One specimen of each exhibit will be left on display.  
 4. Entries must be grown by exhibitor.  
 Up to 5 entries per class  
 CLASS  
 2500. Garden display-Each exhibitor in this class will be limited to four square feet of space and should be exhibited in a tray, basket or container that can be easily moved by the fair staff. Exhibit consists of five different fresh vegetables. Canned vegetables and shelled vegetables are not acceptable. Only one variety of each type of vegetable may be exhibited. The numbers of the five vegetables and fruits to be exhibited are as follows: Include 1 each of large vegetables (i.e. watermelon, squash, pumpkin, eggplant, cabbage cantaloupe, or similar size vegetable). 5 each medium vegetables (i.e. cucumbers, parsnips, tomatoes, okra, peppers, carrots, onions, Irish potatoes, beets, sweet potatoes, or similar size vegetable) and 12 each small vegetables (ie. Green snap beans, wax beans, English peas or other similar sized vegetables. Small fruits (One half pint box): Strawberries, blackberries, raspberries, or other similar sized fruits. Tree Fruits (5 each): Apples, pears, peaches or similar sized fruits. Grapes (2 bunches)\*  
 2501. Small vegetable specimen plate (12) Ex: green snap beans, yellow wax beans, other small vegetables.  
 2502. Medium vegetable specimen plate (5) Ex: cucumbers, cherry tomatoes, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, radishes, turnips, sweet potatoes, red potatoes, white or Russet potatoes, carrots, miniature pumpkin, decorative gourds, or other medium vegetables.  
 2503. Large vegetable specimen plate (1) Ex: watermelon, summer squash, winter squash, large type pumpkin, eggplant, cabbage, cantaloupe, other large vegetable  
 2504. Fresh Culinary herbs (6) ex: parsley, basil, dill, etc. Six stems (or a comparable quantity) of one variety of fresh herbs must be exhibited in a

disposable container of water. Dried herbs are not accepted.  
 2505. Small fruits (one half pint box) Ex. Strawberries, blackberries, raspberries, or other similar sized fruits. (if other, please include name of fruit on entry).  
 2506. Tree fruits (plate of 5) Ex. apples, pears, peaches, or similar sized fruits.  
 2507. Grapes (plate of 2 bunches)  
 5600. Annual Garden Flower, cut specimen, single stem.  
 5601. Perennial Garden Flower, cut specimen, single stem.  
 5602. Fresh Flower Arrangement. Flower materials must be grown and/or collected by exhibitor, not purchased.  
 5603. Dried flower Arrangement, no fabric or plastic material allowed.  
 5604. Horticulture Notebook.  
 5605. Cacti  
 5606. Blooming houseplant  
 5607. Non-blooming houseplant  
 5608. Vine  
 5609. Other Plant

**DEPARTMENT T**  
**4-H FIBER ARTS**  
**Superintendent - Sandy Smith**  
 Trophy: Overall Fiber Arts  
 Evelyn Kidd Memorial  
 (Will also include Crochet and Knitting for overall trophy)  
 1. State year enrolled in project on exhibit card.  
 2. Articles may have been worn, but must be laundered or cleaned.  
 3. Articles worn as pairs must be shown together. Attach with yarn.  
 4. Labels from the Extension Office are to be completed & sewn in the neck of each garment or attached to the article. Entire entry should be in a plastic bag.  
 5. Special consideration to original designs. Note this & attach to design.  
 6. Limit of 2 exhibits per exhibitor.  
 7. All garments & articles will be judged the day of Clothing Construction Judging.  
 CLASS  
 4111. Crochet  
 4112. Knitting  
 4113. Needle Arts (embroidery, cross stitch, needlepoint, candlewicking, crewel, lacework, and applique\*)  
 4114. Patchwork and Quilting\*  
 4115. Rug Making, a rug\*  
 4116. Spinning, a skein\*  
 4117. Weaving, a woven article\*  
 Woven wood reed basket, should be exhibited in Visual Arts  
 4118. Ethnic Arts  
 4119. Macrame, an article  
 4120. Fiber Arts Educational Notebook\* Share with others what you learned in this project about a particular Fiber Art. Exhibits should be in the form of a notebook or binder. The notebook should include a narrative section describing the fiber art. It should include a clear description of the project, technique, budget, supplies goals accomplishments, successes, failures and future plans. It may include samples of techniques, how-tos, photographs of completed projects, or other ways of educating others about fiber arts. Note: a collection of brochures, web pages, patterns, record book forms, etc. does not constitute an educational notebook. Follow copyright laws.

**DEPARTMENT U**  
**4-H MISCELLANEOUS**  
**Superintendent - Nancy Burns**  
 Trophy: G.C. Educational Display  
 1. Read General Rules  
 2. Each exhibitor is limited to 2 articles in this division, articles should not be on same project.  
 3. This division is open only to youth enrolled in a project or a project phase for which there is no specific class elsewhere.  
 Examples include: welding, computer, vet science, self-determined, grain marketing, weed control.  
 4. Exhibits are educational displays excluding notebooks or posters. Tri-folds should be placed in this department.  
 CLASS  
 862. Exhibit by youth 7-10  
 863. Exhibit by youth age 11-14  
 864. Exhibit by youth age 15-19

**DEPARTMENT V**  
**4-H NOTEBOOK, POSTER**  
**Superintendent- Nancy Burns**  
 Trophies:  
 G.C. Poster  
 G.C. Notebook/Poster or Notebook  
 1. Age groups may be used during judging.  
 2. May enter a notebook, poster, poster & notebook combination. Poster size should not exceed a standard size poster board. Tri-fold exhibits should be entered in the 4-H Miscellaneous (Educational Display) Department.  
 3. Limit of one poster or notebook per project area.  
 4. Work done in school is acceptable if a "Project Agreement Sheet" has been turned into the Extension Office by April 1.  
 CLASS  
 865. Notebook  
 866. Poster  
 867. Poster & Notebook

**DEPARTMENT W**  
**4-H PHOTOGRAPHY**  
**Superintendent - Marilyn Kidd**  
 Trophies:  
 G.C. Photography 3 Years or Less  
 G.C. Photography More Than 3 Years  
 PLEASE READ AND FOLLOW ALL RULES!!  
 \*\*\*NOTE MAT BOARD SIZE AND MOUNTING INSTRUCTIONS\*\*\*  
 1. All exhibits must be pre-entered. All 4-Hers (age 7-18) enrolled in the photography project may enter.  
 2. Only Kansas 4-H members who are 9 years of age but not yet 19 years of age before January 1 of the current

Fair if exhibits qualify.  
 3. Black and white and color photographs, and slides may be exhibited.  
 4. EACH EXHIBITOR WILL BE LIMITED TO 5 ENTRIES PER CLASS WITH A TOTAL LIMIT OF 10 ENTRIES.  
 5. Photographs entered must be the result of the current year's project work by the 4-H member. Photos must be taken by the 4-H Member (submitted).  
 6. Photos are to be mounted across the narrow (11") dimension of an 11" x 12.5" sheet of white studio mount. If mount board has two colors, please mount on WHITE side.  
 7. All photos must be no larger than 8" x 10" and no smaller than 7" x 9", after trimming.  
 8. Photos must be mounted with the top edge of the print 1" below the top of the mount (board is always oriented narrow side up). The sides of the print must be equal distance from the two sides of the mount.  
 9. A permanent mount must be made by using photographic adhesive. Remove white border from the enlargement before mounting.  
 10. No lettering, including dates is permitted on the front of the mount or on the photo, only on the front provided. No underlays or borders are to be used. No contact prints on front of mount.  
 11. The exhibitor's name, address, photo class, location where the photo was taken and the county should be written on the back of the mount.  
 12. All black and white prints will be judged together in each class. All color prints will be judged together in each class.  
 13. A non-adjustable camera has a fixed f-stop and shutter speed. If the f-stop or shutter speed can be changed either manually or automatically, the camera is adjustable.  
 14. Improperly mounted photos will be awarded a ribbon one placing lower than the placing determined by the official judge.  
 15. To protect exhibits from dust and moisture, it is strongly recommended that they be placed in a two gallon zip style bag.  
 16. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, one click filter effects, red eye removal, cropping, dodging and burning should be entered in the standard color or black and white classes. HDR photos are to be entered in the standard photo class.  
 17. Digital Composite Image: Finished photo must be created from two or more original sources created by exhibitor. HDR photos do not qualify for this class. Photos will be judged on photographic merit as well as manipulation technique and process.  
 18. Appropriate photo subject matter: Photographic subject matter is expected to follow 4-H standards. For a sense of prohibited subject matter, review the Kansas 4-H member Code of Conduct; in general, if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph.  
 19. Photos with live subject(s) on railroad right away or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be disqualified and not judged.  
 20. Copyright protections must be observed.  
 4800. Color photos taken by 4-H'er with 3 years or less in the project.\*  
 4801. Color photos taken by 4-H'er with more than 3 years in the project.\*  
 4802. Color photos taken by 4-H'er with more than 8 years in the project  
 4803. Black and White taken by 4-H'er with 3 years or less in the project  
 4804. Black and White photos taken by 4-H'er with more than 3 years in the project  
 4805. Black and White photo taken by 4-H'er with more than 8 years in the project  
 4806. Digital Composite Image\* photo must be from two or more originals taken by the exhibitor. Exhibitor must include a second 11 x 12 1/2 matte board mounted with standard size print or prints (if more than one photo was used) of the original photo(s) and 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. Place both matte boards in the same protective plastic bag. (See rule 17 for definition).  
 JUST FOR FUN  
 4807. Picture Story-4-6 snapshots on a mount no larger than 16" x 20". No captions.  
 4808. Photo Album-12-20 of your best snapshots mounted in photo album. Captions are optional.

be generally healthy.  
 8. If participating in walk-trot classes members will receive a white ribbon in timed events if the horse lope.  
 9. Walk-trot class rules follow those in the 4-H rule book, but the rider is not asked to lope. Riders are not eligible for walk-trot classes if they have ever loped in a class at any previous show.  
 10. Halter classes will be divided into two divisions - stock horse (Quarter, Appaloosa, etc.) and pleasure type (Morgans, Arabians, Tennessee Walkers, etc.)  
 11. Horseless Horse Showmanship winners are not eligible to show for champion Fitting and Showing.  
 HORSE HALTER  
 CLASS  
 785. Weanling Stud Colt-Stock  
 786. Weanling Stud Colt-Pleasure  
 787. Weanling Filly Colt-Stock  
 788. Weanling Filly Colt-Pleasure  
 789. Yearling Filly-Stock  
 790. Yearling Filly-Pleasure  
 791. 2 Year Old Filly-Stock  
 792. 2 Year Old Filly-Pleasure  
 793. 3 Year Old Mare-Stock  
 794. 3 Year Old Mare-Pleasure  
 795. 4 Year and Older Mare-Stock  
 796. 4 Year and Older Mare-Pleasure  
 797. Yearling Gelding-Stock  
 798. Yearling Gelding-Pleasure  
 799. 2 Year Old Gelding-Stock  
 800. 2 Year Old Gelding-Pleasure  
 801. 3 Year Old Gelding-Stock  
 802. 3 Year Old Gelding-Pleasure  
 803. 4 Year and Older Gelding-Stock  
 804. 4 Year and older Gelding-Pleasure  
 805. Horseless Horse Halter Class  
 806. Jr Fitting & Showing-13 or younger  
 807. Sr Fitting & Showing-14 & older  
 808. Horseless Horsemanship at Halter-13 or younger  
 809. Horseless Horsemanship at Halter-14 or over  
 HORSE PERFORMANCE  
 CLASS  
 811. English Pleasure Walk-Trot  
 812. English Pleasure, All Ages  
 813. English Equitation Walk-Trot  
 814. English Equitation  
 815.m 4-H Western Pleasure for ponies 56" and under  
 816. 4-H Western Pleasure Walk-Trot  
 817. 4-H Western Pleasure Age 7-9  
 818. 4-H Western Pleasure Age 10-13  
 819. 4-H Western Pleasure Age 14 and over.  
 820. 4-H Western Horsemanship Walk-Trot  
 821. 4-H Western Horsemanship Age 7-9  
 822. 4-H Western Horsemanship Age 10-13  
 823. 4-H Western Horsemanship Age 14 and over  
 824. Reining  
 825. Barrel Racing 13 and under  
 826. Barrel Racing 14 and over  
 827. Poles 13 and under  
 828. Poles 14 and over  
 829. Flags 13 and under  
 830. Flags 14 and over  
 831. Trail Class Age 7-9  
 832. Trail Class Age 10-13  
 833. Trail Class Age 14 and over

disposable container of water. Dried herbs are not accepted.  
 2505. Small fruits (one half pint box) Ex. Strawberries, blackberries, raspberries, or other similar sized fruits. (if other, please include name of fruit on entry).  
 2506. Tree fruits (plate of 5) Ex. apples, pears, peaches, or similar sized fruits.  
 2507. Grapes (plate of 2 bunches)  
 5600. Annual Garden Flower, cut specimen, single stem.  
 5601. Perennial Garden Flower, cut specimen, single stem.  
 5602. Fresh Flower Arrangement. Flower materials must be grown and/or collected by exhibitor, not purchased.  
 5603. Dried flower Arrangement, no fabric or plastic material allowed.  
 5604. Horticulture Notebook.  
 5605. Cacti  
 5606. Blooming houseplant  
 5607. Non-blooming houseplant  
 5608. Vine  
 5609. Other Plant

**DEPARTMENT T**  
**4-H FIBER ARTS**  
**Superintendent - Sandy Smith**  
 Trophy: Overall Fiber Arts  
 Evelyn Kidd Memorial  
 (Will also include Crochet and Knitting for overall trophy)  
 1. State year enrolled in project on exhibit card.  
 2. Articles may have been worn, but must be laundered or cleaned.  
 3. Articles worn as pairs must be shown together. Attach with yarn.  
 4. Labels from the Extension Office are to be completed & sewn in the neck of each garment or attached to the article. Entire entry should be in a plastic bag.  
 5. Special consideration to original designs. Note this & attach to design.  
 6. Limit of 2 exhibits per exhibitor.  
 7. All garments & articles will be judged the day of Clothing Construction Judging.  
 CLASS  
 4111. Crochet  
 4112. Knitting  
 4113. Needle Arts (embroidery, cross stitch, needlepoint, candlewicking, crewel, lacework, and applique\*)  
 4114. Patchwork and Quilting\*  
 4115. Rug Making, a rug\*  
 4116. Spinning, a skein\*  
 4117. Weaving, a woven article\*  
 Woven wood reed basket, should be exhibited in Visual Arts  
 4118. Ethnic Arts  
 4119. Macrame, an article  
 4120. Fiber Arts Educational Notebook\* Share with others what you learned in this project about a particular Fiber Art. Exhibits should be in the form of a notebook or binder. The notebook should include a narrative section describing the fiber art. It should include a clear description of the project, technique, budget, supplies goals accomplishments, successes, failures and future plans. It may include samples of techniques, how-tos, photographs of completed projects, or other ways of educating others about fiber arts. Note: a collection of brochures, web pages, patterns, record book forms, etc. does not constitute an educational notebook. Follow copyright laws.

**DEPARTMENT U**  
**4-H MISCELLANEOUS**  
**Superintendent - Nancy Burns**  
 Trophy: G.C. Educational Display  
 1. Read General Rules  
 2. Each exhibitor is limited to 2 articles in this division, articles should not be on same project.  
 3. This division is open only to youth enrolled in a project or a project phase for which there is no specific class elsewhere.  
 Examples include: welding, computer, vet science, self-determined, grain marketing, weed control.  
 4. Exhibits are educational displays excluding notebooks or posters. Tri-folds should be placed in this department.  
 CLASS  
 862. Exhibit by youth 7-10  
 863. Exhibit by youth age 11-14  
 864. Exhibit by youth age 15-19

**DEPARTMENT V**  
**4-H NOTEBOOK, POSTER**  
**Superintendent- Nancy Burns**  
 Trophies:  
 G.C. Poster  
 G.C. Notebook/Poster or Notebook  
 1. Age groups may be used during judging.  
 2. May enter a notebook, poster, poster & notebook combination. Poster size should not exceed a standard size poster board. Tri-fold exhibits should be entered in the 4-H Miscellaneous (Educational Display) Department.  
 3. Limit of one poster or notebook per project area.  
 4. Work done in school is acceptable if a "Project Agreement Sheet" has been turned into the Extension Office by April 1.  
 CLASS  
 865. Notebook  
 866. Poster  
 867. Poster & Notebook

**DEPARTMENT W**  
**4-H PHOTOGRAPHY**  
**Superintendent - Marilyn Kidd**  
 Trophies:  
 G.C. Photography 3 Years or Less  
 G.C. Photography More Than 3 Years  
 PLEASE READ AND FOLLOW ALL RULES!!  
 \*\*\*NOTE MAT BOARD SIZE AND MOUNTING INSTRUCTIONS\*\*\*  
 1. All exhibits must be pre-entered. All 4-Hers (age 7-18) enrolled in the photography project may enter.  
 2. Only Kansas 4-H members who are 9 years of age but not yet 19 years of age before January 1 of the current

Fair if exhibits qualify.  
 3. Black and white and color photographs, and slides may be exhibited.  
 4. EACH EXHIBITOR WILL BE LIMITED TO 5 ENTRIES PER CLASS WITH A TOTAL LIMIT OF 10 ENTRIES.  
 5. Photographs entered must be the result of the current year's project work by the 4-H member. Photos must be taken by the 4-H Member (submitted).  
 6. Photos are to be mounted across the narrow (11") dimension of an 11" x 12.5" sheet of white studio mount. If mount board has two colors, please mount on WHITE side.  
 7. All photos must be no larger than 8" x 10" and no smaller than 7" x 9", after trimming.  
 8. Photos must be mounted with the top edge of the print 1" below the top of the mount (board is always oriented narrow side up). The sides of the print must be equal distance from the two sides of the mount.  
 9. A permanent mount must be made by using photographic adhesive. Remove white border from the enlargement before mounting.  
 10. No lettering, including dates is permitted on the front of the mount or on the photo, only on the front provided. No underlays or borders are to be used. No contact prints on front of mount.  
 11. The exhibitor's name, address, photo class, location where the photo was taken and the county should be written on the back of the mount.  
 12. All black and white prints will be judged together in each class. All color prints will be judged together in each class.  
 13. A non-adjustable camera has a fixed f-stop and shutter speed. If the f-stop or shutter speed can be changed either manually or automatically, the camera is adjustable.  
 14. Improperly mounted photos will be awarded a ribbon one placing lower than the placing determined by the official judge.  
 15. To protect exhibits from dust and moisture, it is strongly recommended that they be placed in a two gallon zip style bag.  
 16. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, one click filter effects, red eye removal, cropping, dodging and burning should be entered in the standard color or black and white classes. HDR photos are to be entered in the standard photo class.  
 17. Digital Composite Image: Finished photo must be created from two or more original sources created by exhibitor. HDR photos do not qualify for this class. Photos will be judged on photographic merit as well as manipulation technique and process.  
 18. Appropriate photo subject matter: Photographic subject matter is expected to follow 4-H standards. For a sense of prohibited subject matter, review the Kansas 4-H member Code of Conduct; in general, if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph.  
 19. Photos with live subject(s) on railroad right away or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be disqualified and not judged.  
 20. Copyright protections must be observed.  
 4800. Color photos taken by 4-H'er with 3 years or less in the project.\*  
 4801. Color photos taken by 4-H'er with more than 3 years in the project.\*  
 4802. Color photos taken by 4-H'er with more than 8 years in the project  
 4803. Black and White taken by 4-H'er with 3 years or less in the project  
 4804. Black and White photos taken by 4-H'er with more than 3 years in the project  
 4805. Black and White photo taken by 4-H'er with more than 8 years in the project  
 4806. Digital Composite Image\* photo must be from two or more originals taken by the exhibitor. Exhibitor must include a second 11 x 12 1/2 matte board mounted with standard size print or prints (if more than one photo was used) of the original photo(s) and 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. Place both matte boards in the same protective plastic bag. (See rule 17 for definition).  
 JUST FOR FUN  
 4807. Picture Story-4-6 snapshots on a mount no larger than 16" x 20". No captions.  
 4808. Photo Album-12-20 of your best snapshots mounted in photo album. Captions are optional.

**DEPARTMENT X**  
**4-H/FFA POULTRY**  
**Superintendent - Tuffy Ghramm**  
 Trophies:  
 G.C. Poultry  
 G.C. Water Fowl  
 G.C. Poultry Showmanship  
 1. All poultry except broilers must be at least 4 months old. Birds need to be in the 4-H members



- 892. Purebred chickens only. 1 hen/pullet (judged on APA standards for exhibition)
- 893. Production (pen of 3 laying hens) Purebred, crossbred or inbred (judged on production standards)
- 894. 3 roosters (broilers)
- 895. 3 capons
- 896. 1 turkey
- 897. Bantam cocks
- 898. Bantam hen, pullets
- 899. 1 duck (any breed)
- 900. 1 goose (any breed)
- 901. 1 pigeon (any breed)
- 902. 2 Meat type chickens (1 of same sex & breed. May be crossbred, straincross or standard bred.)

**DEPARTMENT Y  
4-H/FFA RABBITS**

- Superintendent – Libby Reed**
- Trophies:
- G.C. Buck Rabbit
- G.C. Doe Rabbit
- G.C. Rabbit Showmanship
- 1. RABBITS WITH MITES WILL BE SENT HOME!!!
- 2. Each 4-H member may exhibit a total of 11 rabbits. Not more than 2 may be entered in 1 class, except meat class.
- CLASS
- 904. Jr Purebred Buck under 6 months\*
- 905. Jr Purebred Doe under 6 months\*
- 906. Sr Purebred Buck over 6 months\*
- 907. Sr Purebred Doe over 6 months\*
- 908. Meat Class-3 rabbits all of 1 breed. May be purebred or crossbred (3-5 lbs.).
- 909. Jr Crossbred Buck under 6 months
- 910. Jr Crossbred Doe under 6 months
- 911. Sr Crossbred Buck over 6 months
- 912. Sr Crossbred Doe over 6 months
- 913. Grooming & Showmanship, 13 & under
- 914. Grooming & Showmanship, 14 & over

**4-H SPACE TECH  
Superintendents – Kari Lockhart  
Trophy: G.C. Space Tech**

**ROCKETRY**

- 1. Each exhibitor may enter two rockets made during the current year. If two rockets are entered, one rocket must be a "kit" or a "rocketry educational exhibit" and the second may be entered into any other applicable class. An exhibitor may not enter two rockets in the same class.
- 2. The rocket that accompanies the rocket must be limited to the 4-H Space Tech Rocket Exhibit Information Form which is affixed to a 10" x 13" envelope. This may be downloaded from [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com)
- Forms dated before the current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.
- 3. Plans (or a photocopy) must be placed inside the envelope.
- a. This includes original design rockets.
- b. If a rocket kit has been modified structurally, notations need to be given indicating the changes made, either by notations on the Rocket Exhibit Information Form or by placing notes in the plans.
- 4. One or more photographs of the rocket at the launch site are required.
- a. Photographs showing the rocket at the moment of ignition are preferred.
- b. Photographs must be mounted on one side of 8 1/2" x 11" page(s).
- c. There must be at least 1 page of photos and no more than 5 pages of photos.
- d. Include at least one photo showing rocket construction, preferably with the exhibit included.
- e. Do not include photos of members catching their rockets as they return to earth. This is an unsafe practice, and we do not recommend or condone this practice.
- 5. To exhibit in this division:
- a. The rocket must have flown (If a fire burn ban is in effect for any county in Kansas, participants are not required to launch their rocket(s). All requirements for the launching rockets and the documenting of the launching are suspended for the duration of the ban.
- b. Support rods must not extend past the tip of the highest nosecone on the model.
- c. Support rods must remain in the upright position, 90 degrees to the display base, do not angle. If support rods are not perpendicular to the base, the judge should deduct two ribbon placings.
- d. No model may be submitted on a launch pad
- 6. Launches should not be conducted in winds above 20 mp, and will constitute a disqualification of rocket exhibit.
- 7. All rockets must have a safe method of recovery, e.g. parachute, streamer or tumble recovery. Any rocket without a recovery system will be disqualified.
- 8. The altitude achieved by the rocket is to be determined using a method other than estimation. Examples of accepted methods include altimeter, computer software, range finders, etc. If additional space is needed to show calculations of how the altitude was achieved one additional page may be added to the rocketry information pack.
- 9. Flight damage is to be documented by the participant on either the construction plans or the 4-H Space Tech Rocket Exhibit

- 10. The judging of flight damage is to be secondary to all other aspects of the model and only then may it even be considered. However under no circumstance may flight damage be grounds for disqualification.
- 11. Engines and igniters, under any circumstance, ARE NOT permitted with the exhibit and constitute an immediate disqualification.
- 12. If an engine becomes stuck, jammed, wedged, or in any other way permanently affixed in or to a rocket and can not be removed from the rocket, the rocket will be subject to immediate disqualification. This is because it is not possible to make a full and immediate assessment of the safety of the rocket when it is being judged and safety is paramount.
- 13. Engines may not be used as display stands hollowed out or otherwise. This is a significant change from 2010 and previous year's rules. Engines used as a display stand will be subject to immediate disqualification.
- 14. Rocket engines should not be used to join multi-stage rockets together.
- a. Multi-stage rockets can be displayed without having the stages connected together.
- b. The different stages must be included to complete the rocketry exhibit, incomplete exhibits will be deducted at least one ribbon placing.
- c. Use of any engines to join the stages together will be subject to immediate disqualification.
- 15. Multi-stage rockets can be flown using just the final stage and be considered fully flown.
- 16. If a safety violation is noted by the judges, superintendents or other staff, the exhibitor's rocket, at the judges' discretion will receive white ribbon. All information will be given to the NAR and Tripoli for investigation and possible revocation of membership.

**GENERAL CONSTRUCTION GUIDELINES FOR ALL CATEGORIES:**

- Purpose: These rules apply to the construction of all rockets displayed in the Space Tech division.
- 1. Rockets are to be properly assembled according to the assembly instructions.
- 2. Beginner kits with prefabricated fin assemblies and pre-finished rockets requiring no painting are not acceptable, and will be disqualified.
- 3. Plastic snap together fins that do not require alignment are not acceptable, and will be disqualified.
- a. This rule does not apply to plastic fins that must be manually aligned and do not utilize a fin alignment mechanism. Including, but not limited to fin alignment rings or spacing blocks.
- b. This rule does not apply to fiberglass, Kevlar, extruded form, composite, or wood fins; especially when used for "through-the-wall" fin attachment techniques that are common in larger rockets.
- c. In addition, plastic parts for decorative and mechanical purposes (i.e. decorative nozzles and moving landing struts) are not considered fins and can consist of plastic. Decorative nozzles, etc. Need to be securely fastened and not pose a safety hazard.
- d. Fin assemblies that are printed using a 3D printer are excluded from this rule. Through detailed instructions on the creation of the fin assemblies must be provided and an additional page of photos may be included to show the creation/printing of fin assemblies.
- 4. Angles of fins must fall within a plus or minus 2 degree variation using an approved fin alignment guide (such as KSSTAC10). An official fin guide is available from [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com)
- 5. Fins should be rounded or streamlined to reduce drag on all exposed sides unless instructions indicate otherwise.
- 6. Fins and body tubes are to be sealed with sanding sealer and/or primer to eliminate the appearance of body grooves and wood grain.
- 7. Fins and launch lugs are to be filleted to reduce drag and properly secure them to the model.
- 8. Engine mounts are to be attached to the body tube.
- 9. Any seams on plastic parts are to be sanded smooth.
- 10. Body tubes/airframes/engine mounts can be made from suitable materials, including, but not limited to: reinforced paper, cardboard, phenolic resin, specialized polymer resins, fiberglass, Kevlar, or other suitable structural materials.
- 11. The nose cone is to fit snugly but still allow for easy removal.
- 12. Exhibits must be uniformly painted and smoothly finished or finished as per rocket instructions, and have decals applied smoothly.
- 13. Non Standard surfacing (such as textured paint) may be used if directed by the instructions, this includes scratch built rockets.
- 14. Models may not be judged based on their paint scheme (colors and placement on the rocket), with the exception of rockets that fit the definition of a "scale model." All other rockets do not have to follow the suggested paint scheme, allowing the 4-H'er to display maximum creativity in the finishing to their rocket.
- a. Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move the model from one placing to another.
- 15. "Scale models" may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.
- 16. Scale Model Rockets are to be finished and completed with a majority (greater than 70%) of decals.
- 17. If a modification is made to the rocket, for example, adding a fin, a swing test must be conducted on

the rocket, and the documentation provided. Failure to test and document flight stability following modifications will result in two ribbon placing deductions.

**MODEL ROCKETRY GUIDELINES**

- (AGES 7 and up)
- Purpose: Model rockets are generally small-to-medium sized rockets that can be purchased at hobby stores that an individual(s) builds from parts similar to those found in model rocket kits.
- 1. Rockets classified as high or mid powered may not be entered in this category.
- 2. Each rocket must be able to stand freely by itself or be supported by a solid base, not to exceed 4 1/4" (four and one quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.
- 3. If the model rocket is greater than 4 feet tall it can be displayed without a base, or displayed parallel to the ground with up to 3 notched blocks not to exceed 4" in height width and depth. The exhibitor's name, county or district, and age must be labeled on the bases.
- 4. All exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However in the event that there is a modification in this code, the Space Tech Action Team may review and implement the modified code.

**ORIGINAL DESIGN SPECIFIC ROCKET GUIDELINES**

- (Ages 11 and up)
- Purpose: To allow for youth to develop their own rockets (model, mid, and high powered) in a safe manner that displays maximum craftsmanship.
- 1. Original design rockets cannot be modification of a pre-existing kit and must be of original design.
- 2. Original design rockets must be designed by the exhibitor(s).
- 3. Original design rockets must include detailed instructions, so that someone could construct the original designed rocket just like a kit purchased as a store. Instructions can be as many pages as needed to convey full and complete construction techniques.
- 4. Original design rocket instructions should not include copies of instructions in art or in whole from existing kits.
- 5. For a rocket entered in the original design classes, describe in the summary how the rocket was tested for stability prior to flying. Swing testing of the rocket is required. Other tests and calculations are encouraged. Exhibitors must include documentation of the swing test. Failure to swing test a rocket will result in a deduction of TWO ribbon placings.
- 6. Up to 4 additional information pack detailing the test(s) performed to insure stability. 4-H'ers are strongly encouraged to provide as much detail as possible. Failure to provide adequate written documentation will result in a disqualification.

**ALTERNATIVE SKINS**

- (Ages 14 and up)
- Purpose: Alternative skins are and advanced construction technique that allows the builders of model rockets to display maximum design and creativity in their models. Alternative skins are thin coverings over a supporting skeleton that serve as the finish of a rocket as opposed to painting.

**CONSTRUCTION AND OPERATING RULES AND GUIDELINES:**

- 1. The General exhibit rules for ALL categories apply.
- 2. Use of alternative skins used for model aircraft is permitted on rockets of original design provided adequate provisions are made to prevent the rocket from catching fire during all phases of flight.
- 3. When used in construction these alternative skins should not be used as primary structure for the rocket. The rocket should still be of sound design and construction to insure safety for personnel performing launch activities as well as others who are in the nearby vicinity.

**TYPES OF COVERING:**

- 1. Plastic shrink type coatings used for radio control model aircraft are permitted. These can be obtained from various manufacturers and hobby suppliers.
- 2. Other types of fabric coverings such as cloth types using coatings for stiffness are permitted as long as all of the rules set forth above are met.
- Quality of Finish: When the above finishes are used the following judging criteria will apply in addition to those for judging other rocketry divisions.
- 1. Seams and transition areas will be uniform and even when they are needed in the construction.
- 2. Gaps and holes are not permitted in the covering especially where the fins or other stabilizing devices meet the main body of the rocket.
- 3. Omission of these skins from the bottom of the rocket is permissible. Paints and other types of coatings currently used for rocketry may be substituted in these areas.
- 4. Alternative skins in this section may also be used in conjunction with paints on the rocket. However, care shall be taken to insure that edges of the alternative skins will not peel off in flight.
- 5. Non-standard surfacing (such as textured paint) may be used if directed by the instructions, this includes scratch built rockets.
- 6. Models may not be judged based on their paint scheme (colors and placement on the rocket), with the exception of rockets that fit the definition of a "scale model." All other

- rockets do not have to follow the suggested paint scheme, allowing the 4-H'er to display maximum creativity in the finishing of their rocket. Under no circumstances is the weight given to the paint scheme to be sufficient enough, by itself, to move the model from one ribbon placing to another.
- 7. "Scale models" may be judged based on their paint scheme. The judge may deduct up to one ribbon placing for not following the paint scheme.
- 8. Scale Model Rockets are to be finished and completed with a majority (greater than 70%) of decals.
- If a modification is made to the rocket, for example, adding a fin, a swing test must be conducted on the rocket, and the documentation provided.
- EXHIBITORS 7 & 8 YEARS OLD "BEGINNING ROCKETRY" CLASS
- 5537. Beginning Rocket. This class is for beginning 7 & 8 year olds. This rocket can be made from any kit (plastic is acceptable). The rocket should be painted by the 4-H member. Rockets in this class do not need to follow State Fair guidelines and are not eligible for State Fair.
- EXHIBITORS 9 - 13 YEARS OLD CLASS
- 5520. Rocket made from kit include plans.\*
- 5521. Rocket designed by exhibitor; not merely a modification of an existing kit. Include original plans.\* (ages 11-13)
- 5522. Rocket designed by exhibitor; not merely a modification of an existing kit. Include original plans.\* (9-10)
- 5523. EXHIBITORS 14 YEARS AND OLDER CLASS
- 5525. Rocket made from kit. Include plans.\*
- 5526. Rocket designed by exhibitor; not merely a modification of an existing kit. Include original plans.\*
- 5527. Rocket designed by exhibitor that uses alternative skins; not merely a modification of an existing kit. Include original plans.\*
- EXHIBITORS 11 YEARS AND OLDER CLASS
- This class is designed to encourage teamwork among individuals and clubs to work on a rocket from the initial design to the finished product.
- CLASS
- 5530. Rocket designed by 2 or more exhibitors; not merely a modification of an existing kit. Include original plans.
- HIGH POWER ROCKETRY GUIDELINES
- Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-h high power rockets.
- 1. Exhibitors must be at least 14 years of age by January 1 of the current year.
- 2. For the purposes of Kansas 4-H SpaceTech a high powered rocket is defined as a rocket that meets any of the following criteria:
  - a. Is 2 inches or greater in diameter (not including fins) and taller than 3 feet (36 inches including fins)
  - b. Weighs more than 3.3125 pounds (53 ounces or 1500 grams) at the time of launch;
  - c. Uses an 'E' engine or larger to launch (2D's, 4C's, 8B's, etc.);
  - d. The total impulse of all engines used in the rocket is greater than 20.01 Newton-seconds of thrust.
  - e. Models powered by rocket motors not classified as model rocket motors per NFPA 1122, e.g.:
- 2. The rules for ALL categories apply.
- 3. In addition to the information packet completed for all rockets, a high power information form is to be completed and placed inside of the information packet. This may be downloaded from [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com) Click on KSF Packet link.
- 4. The NAR High Power Rocket Safety Code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR High Power Rocket Safety Code that is in effect as of October 1st of the current 4-H year. However, in the event that there is a modification in this code the Space Tech Action Team may review and implement the modified code.
- 5. All rockets in this division are to be launched under adult supervision by the 4-h member who constructed the rocket.
- 6. If a rocket is launched using an engine(s) that has 160.1 ('H' engine or equivalent) amount of smaller (engine) Newton's seconds or larger, adult supervision must be provided by an individual having at least a level 1 high power certification.
- a. The 4-H member should also hold or be attempting to attain their level 1 high power certification, and should include supporting documentation of such ( a copy of Level 1 card is sufficient).
- 7. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High Power Information form. In the case where the launch was a public event a substitute to a copy of the waiver is the Range Safety Officers (RSO's) contact information.
- 8. High Power Rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4 1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county, and age must be labeled on the base.
- MID-POWER ROCKETRY GUIDELINES
- Purpose: To allow for improved safety and judging of rockets that meet the requirements of 4-H mid-power rockets.

- 1. Exhibitors must be at least 14 years of age by January 1 of the current year.
- 2. The rules for ALL categories apply.
- 3. In addition to the information packet completed for all rockets, a high/mid power information form is to be completed and placed inside of the information packet. This may be downloaded from <http://www.kansas4-H.org/>. Click on KSF Packet link.
- 4. Exhibitors in this division must hold memberships in either NAR or Tripoli organizations.
- 5. The NAR Model Rocket Safety code applies to the construction and launching of all rockets displayed in this division. As such all exhibitors must comply with the NAR Model Rocket Safety Code that is in effect as of October 1st of the current year. However in the event that there is a modification in this code the SpaceTech Action Team may review and implement the modified code.
- 6. All rockets in this division are to be launched under adult supervision by the 4-H member who constructed the rocket.
- 7. High power rockets as defined above ('H' or 'I' engines) may not be launched in this division.
- 8. If according to Federal Aviation Regulations Part 101, a waiver is required to fly the rocket, a copy of that waiver is to be attached to the High Power Information Form. In the case where the launch was a public event a substitute to a copy of the waiver is the Range Safety Officers (RSO's) contact information.
- 9. Mid- Power rockets may be displayed without a supporting stand. If a supporting stand is used, it is not to exceed 4-1/4" (four and one-quarter inch) thick and 8" square. The exhibitor's name, county or district, and age must be labeled on the base.

**EXHIBITORS 14 YEARS AND OLDER CLASS**

- 5535. High power rocket made from kit or original design\*
- 5536. Mid-Power Rocket Made from kit or original design
- UNMANNED AERIAL SYSTEMS
- Purpose: The 4-H unmanned aerial systems or UAS project explores the world from above the trees and discovers new frontiers with UASs. UASs are commonly known as Unmanned Aerial Vehicles (UAVs) or drones. Members explore the uses and applications of unmanned aerial systems including how UASs link to other projects such as geology, robotics, electronics, crop science and many more.
- 1. The 4-H members must be currently enrolled in the 4-H SpaceTech project to exhibit in this division.
- 2. Each exhibitor may enter one exhibit per class. Exhibit must have been completed during the current 4-H year and have been selected at the county level for entry at the State Fair level. Counties or district should select only top blue or purple ribbon computer exhibits which meet State Fair guidelines.
- 3. The information that accompanies the UAS must be limited to the 4-H SpaceTech Exhibit Information Form which is affixed to a 10" x 13" envelope. This envelope should NOT be attached to the UAS. This may be downloaded from [www.KansasSpaceTech.com](http://www.KansasSpaceTech.com). Any UAS exhibit not including this completed envelope will receive an automatic participation ribbon.
- 4. Unmanned aerial systems exhibits may be checked out for use in a Kansas State Fair 4-H demonstration or 4-H illustrated talk with prior permission. For permission, check with the superintendent or Deryl Waldren. The exhibit must be returned to display immediately after the demonstration/illustrated talk or the exhibit will be disqualified.
- 5. Exhibitor's name, county or district, age, and year(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
- 3. See the last section for full details about exhibiting posters, display boards and notebooks.
- 4. If the notebook illustrated the creation, talks about, or shows the result of an app, application, executable, program, or other compiled/interpreted "source code," a copy of the source code should be included. (In other words if you created an app for a smart phone and you are illustrating that app, you should include the code you used to build the app). Failure to include a copy of the "source code" may result in up to one ribbon place deduction.
- COMPUTER SYSTEMS
- The Kansas 4-H Space Tech Computer Systems portion of the computer project is designed to allow 4-H members to explore how information is moved from one part of the computer to the other; how information is moved between two or more computer systems (networking); how information is stored; or how information is acted on (programming).
- Any item which is not a notebook, display board, or poster displayed in this class is considered a "computer system" exhibit and MUST follow the rules set forth below:
  - 1. All exhibits must be self-contained on a USB drive (thumb drive, flash drive, jump drive, or any other name for a small USB storage device; the rules will use "USB drive"). This means that a judge can plug in the USB drive into a computer and be able to run the exhibit as described below. Physical computers as an exhibit will not be accepted.
  - 2. All revisions of all forms previously released from the Space Tech division either undated or dated prior to 2015 are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.
  - 3. For all computer system entries (those entries not covered by the rules above) the following items are required as part of an exhibit packet.
    - a. A manila envelope with the Computer Exhibit Form attached to the front, this form can be downloaded at [www.kansasSpaceTech.com](http://www.kansasSpaceTech.com)
    - b. A USB drive labeled with the 4-H'ers name, county/district, and club; in a way that does not prevent it from being plugged into a computer.
    - c. At least one (1) graphic (picture, screen shot/capture, slide, etc.) of the project must be printed out on an 8.5"x11" sheet of standard computer

- purchased off the shelf in this class.
- 5707. Practical application of an Unmanned Aerial System constructed from a commercial (purchased) kit. This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.
- ASTRONOMY
- 1. Each exhibitor may enter one exhibit per class. Exhibits must have been completed during the current year.
- 2. Telescopes entered may be a kit or original design. Beginner kits and pre-finished telescopes requiring no painting are not acceptable.
- 3. Telescopes are limited to no more than four feet in length. They must be placed on a stationary stand that does not allow the telescope to roll and/or fall over. The stand cannot extend past two feet in length or width.
- 4. Each telescope exhibit must include a "4-H Astronomy Exhibit Information Form" which should be rubber cemented onto the outside of a 10" x 13" manila envelope. You must also include construction plans (or a photocopy) of the telescope and place it inside the manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.
- 5. See the last section for full details about exhibiting posters, display boards and notebooks.
- 6. Two photographs showing telescope construction and operation are required. Photographs should be mounted on one side of an 8 1/2" x 11" page. A brief caption should accompany each photograph. Place photos in the 10" x 13" manila envelope.
- 7. The telescope must be properly assembled and painted with a smooth and uniform finish. Decals, if used, should be attached smooth and tight.
- 8. Telescopes designed by the exhibitor must be original, not a modification of an existing kit.
- 9. Exhibitors name, county, age and years in project must be labeled in a prominent location on the display.
- CLASS
- 5500. Telescope made from kit\*
- 5531. Telescope made from original design\*
- COMPUTERS
- 1. The 4-H computer project teaches concepts related to computers, hardware knowledge, software programming and applications, internet safety, the building, maintenance and repair of computers and future career opportunities. Please note that the actual construction of computer hardware (i.e. building a computer, electronic devices with a mother-board based manipulation) will remain in the Energy Management department.
- 2. Exhibitor's name, county or district, 4-H age, and year(s) in project must be tagged or labeled in a prominent location on the exhibit, educational display, notebook, and/or poster.
- 3. See the last section for full details about exhibiting posters, display boards and notebooks.
- 4. If the notebook illustrated the creation, talks about, or shows the result of an app, application, executable, program, or other compiled/interpreted "source code," a copy of the source code should be included. (In other words if you created an app for a smart phone and you are illustrating that app, you should include the code you used to build the app). Failure to include a copy of the "source code" may result in up to one ribbon place deduction.
- COMPUTER SYSTEMS
- The Kansas 4-H Space Tech Computer Systems portion of the computer project is designed to allow 4-H members to explore how information is moved from one part of the computer to the other; how information is moved between two or more computer systems (networking); how information is stored; or how information is acted on (programming).
- Any item which is not a notebook, display board, or poster displayed in this class is considered a "computer system" exhibit and MUST follow the rules set forth below:
  - 1. All exhibits must be self-contained on a USB drive (thumb drive, flash drive, jump drive, or any other name for a small USB storage device; the rules will use "USB drive"). This means that a judge can plug in the USB drive into a computer and be able to run the exhibit as described below. Physical computers as an exhibit will not be accepted.
  - 2. All revisions of all forms previously released from the Space Tech division either undated or dated prior to 2015 are void for use and new forms must be obtained and used that are dated by the Kansas State 4-H Office for the current year. Use of old forms will result in the loss of one ribbon placing for exhibits.
  - 3. For all computer system entries (those entries not covered by the rules above) the following items are required as part of an exhibit packet.
    - a. A manila envelope with the Computer Exhibit Form attached to the front, this form can be downloaded at [www.kansasSpaceTech.com](http://www.kansasSpaceTech.com)
    - b. A USB drive labeled with the 4-H'ers name, county/district, and club; in a way that does not prevent it from being plugged into a computer.
    - c. At least one (1) graphic (picture, screen shot/capture, slide, etc.) of the project must be printed out on an 8.5"x11" sheet of standard computer



paper, placed in a plastic sheet protector, to allow for proper display and recognition at the Kansas State Fair. On the back side of the graphic the 4-Hers name, county/district, and club should be listed.

d. Instructions to run any part of the exhibit on the USB drive. (There should be at least three items in your manila envelope: USB drive, graphic and instructions.)

4. Each exhibit must be accompanied by a "4-H Engineer's Journal." The engineer's journal should be typed. It can either be included electronically on the USB drive (preferred) or printed and placed in the manila envelope.

a. The "4-H Engineer's Journal" should start with a dated entry describing what the 4-H member is trying to accomplish/build.

b. The "4-H Engineer's Journal" should conclude with a dated entry describing what the 4-H member achieved in creating (The start and end many times will be different. The judges are interested in the journey).

c. Additional entries in the "4-H Engineer's Journal" should be made as progress occur describing successes and failures; as well as the steps done and any sources of information including links used.

d. Pictures can also be included in the "4-H Engineer's Journal" but should not be more than 50% of the entries.

e. The "4-H Engineer's Journal" should contain at least one graphic.

f. The "4-H Engineer's Journal" must be at least 3 pages in length.

g. An example of a "4-H Engineer's Journal" can be found at www.KansasSpaceTech.com.

h. The "4-H Engineer's Journal" will comprise 50% of the overall exhibit score. Failure to include a "4-H Engineer's Journal" will result in the exhibit being disqualified.

5. If the exhibit is a program, application, app, web site, or requires any coding, the source code must be included on the USB drive.

6. Diagrams or decision trees showing the logical flow of the system must be included on the USB drive for all exhibits.

7. A set of instructions must be provided to run the computer system/application. These instructions should be printed off and included in the exhibit package and a copy should be included on the USB drive.

a. It is recommended that 4-Hers bring a computer to the county fair that will run their project for judging as judges typically do not bring computers with them. Operating instructions are still required.

b. Instructions should be written as though you were helping a less techy person, (like a grandparent) use the USB drive with a compute. An example of instructions can be found at www.KansasSpaceTech.com.

8. Each exhibit must accomplish a specific automated task using a computer or virtual machine (VM).

9. 4-Hers should not assume that a computer will have internet connectivity and that any parts of the exhibit that require internet access will not work. It is strongly recommended that 4-Hers test exhibits on a computer with internet connectivity disabled.

10. All licensing should be adhered to any software used in the exhibit. Failure to do so will result in a reduction of one ribbon placing.

11. The creation of viruses, malware, malicious applications or code, defamatory language or graphics, bullying, or any material that is "mean", "dangerous", or harmful according to the judge's opinion will result in the exhibit being disqualified.

12. Pictures or still graphics created are not eligible for entry as a project in this division, and should be entered in the appropriate photography division.

13. Judging will be based on a score sheet which can be found at www.KansasSpaceTech.com There are four areas each exhibit will be judged on. They are:

a. 4-H Engineers Journal (What I learned to make it work). 50% overall score.

b. Instructions (how I help others make it work). 25% overall score.

c. Functionality (does it work). 12% overall score.

d. Diagrams (and code if applicable) (how I think it works). 13% overall score.

4. Robots must be in operable working condition. Robots must have automated reticulated structures (arms, wheels, grippers, etc.). Game consoles that display on a screen are not considered robots and should either be entered in computer systems division or energy management project. Robots requiring no assembly, just programming, such as Ozobots, are considered computer systems projects as the skill is focused on the programming not on the construction of the robot

5. Each exhibitor is required to complete the "4-H Space Tech Robotics Exhibit Information Form". The form must be attached to the outside of a 10" x 13" manila envelope. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.

6. The exhibit must include written instructions for operation, construction plans, one to three pages of project photographs or a 5 minute CD, DVD, or video presentation, and robot programming information, if applicable. This information should be placed inside a 10"x13" manila envelope.

7. Robots that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession or creation, physical and/or electrical that could be used to inflict damage and/or harm to individuals, animal life, and/or property.

8. Remote controlled robots are allowed under certain conditions provided that the robot is not drivable. Remote controlled cars, boats, planes and/or action figures, etc. are not allowed.

9. Creativity will be a strong criteria in judging the "Robot Designed by Exhibitor" classes.

10. Exhibitors name and county must be labeled in a prominent location on the robot, educational display, notebook and/or poster board. Sources of scientific information must be cited on the front of your exhibits, including all posters and educational display boards.

11. Exhibits should possess the following qualities (in no particular order).

a. A central theme  
b. What you want others to learn  
c. Be designed and constructed in a manner befitting the exhibit.  
d. Be something you are interested in.

e. Be related to model or high power rocketry  
f. And those characteristics described above.

12. Team project notebooks must be organized in a 3-ring binder and should highlight information/roles of each team member, drawings, charts, photographs, goals and objectives of your robotics project, and all robotic competitions your team has competed in during the current year.

13. See the last section for full details about exhibiting posters, display boards and notebooks.

CLASS NOVICE - One to Two Years in Robotics Project  
5505. Robot made from a commercial (purchased kit. Include construction plans.\*

5506. Robot designed and constructed by exhibitor. May not be mere modifications of an existing robot kit or plan. Include original construction plans.\*

5507. Programmable robot made from a commercial (purchased) kit.\*

5519. Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device\*

5543. Junk Drawer Robotics-based curriculum robot\*  
INTERMEDIATE - Three to Four Years in Robotics Project

5509. Robot made from a commercial (purchased kit. Include construction plans.\*

5510. Robot designed by exhibitor. May not be mere modifications of an existing robot kit or plan.\*

5511. Programmable robot made from a commercial (purchased) kit.\*

5546. Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device.\*

5544. Junk Drawer Robotics-based curriculum robot\*  
PROFESSIONAL - Five or More Years in Robotics Project

5513. Robot made from a commercial (purchased kit. Include construction plans.\*

5514. Robot designed by exhibitor. May not be mere modifications of an existing robot kit or plan. Include original construction plans.\*

5515. Programmable robot made from a commercial (purchased) kit.\*

5547. Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device.\*  
5545. Junk Drawer Robotics-based curriculum robot.\*  
TEAM ROBOTICS PROJECT

placed on youth who can demonstrate how their skills have increased while completing the project. Each exhibit will be judged on uniqueness, creativity, neatness, accuracy of material, knowledge gained, and content. An exhibit judging score sheet will be available at www.kansaspacetech.com for example, a rocket may have crashed and/or is highly damaged that can't be launched again may be made into an educational display or poster that tells a great story with many lessons learned.

4. Follow copyright laws, citing all sources of information in a standard notation on the "4-H Educational Rocketry Exhibit Information Form." Additional pages can be added inside the information packet and should be labeled "Citations." Sources of scientific information must be cited on the front of your exhibit, including all posters and educational display boards.

5. Educational displays are not to exceed a standard commercial 3' x 4' tri-fold display board. No card board table exhibits will be allowed. Care should be taken to use durable materials that will withstand fair conditions.

6. "Construction Kits" that are part of educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1' x 2' x 2' and must have a latch which securely keeps all components contained in the "Construction Kits". Other components are to adhere to appropriate dimensions as stated elsewhere.

7. Educational Project notebooks must be organized in a 3 - ring binder.

8. Educational Posters must be no larger than 20" x 30" poster board. Exhibitors are encouraged to laminate all posters and diagrams or cover them with clear plastic film. Any three dimensional display exhibits may not be thicker than 1".

9. Engines and igniters in rockets ARE NOT permitted with the exhibit and constitute an immediate disqualification. This is for safety reasons and includes both spent and live engines.

10. Exhibitors name, county or district, age and year(s) in project must be tagged or labeled in a prominent location on the educational display, notebook, "Construction Kit" and/or poster.

11. Exhibits should possess the following qualities (in no particular order).

a. A central theme  
b. What you want others to learn  
c. Be designed and constructed in a manner befitting the exhibit.  
d. Be something you are interested in.

e. Be related to model or high power rocketry  
f. And those characteristics described above.

12. Team project notebooks must be organized in a 3-ring binder and should highlight information/roles of each team member, drawings, charts, photographs, goals and objectives of your robotics project, and all robotic competitions your team has competed in during the current year.

13. See the last section for full details about exhibiting posters, display boards and notebooks.

CLASS NOVICE - One to Two Years in Robotics Project  
5505. Robot made from a commercial (purchased kit. Include construction plans.\*

5506. Robot designed and constructed by exhibitor. May not be mere modifications of an existing robot kit or plan. Include original construction plans.\*

5507. Programmable robot made from a commercial (purchased) kit.\*

5519. Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device\*

5543. Junk Drawer Robotics-based curriculum robot\*  
INTERMEDIATE - Three to Four Years in Robotics Project

5509. Robot made from a commercial (purchased kit. Include construction plans.\*

5510. Robot designed by exhibitor. May not be mere modifications of an existing robot kit or plan.\*

5511. Programmable robot made from a commercial (purchased) kit.\*

5546. Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device.\*

5544. Junk Drawer Robotics-based curriculum robot\*  
PROFESSIONAL - Five or More Years in Robotics Project

5513. Robot made from a commercial (purchased kit. Include construction plans.\*

5514. Robot designed by exhibitor. May not be mere modifications of an existing robot kit or plan. Include original construction plans.\*

5515. Programmable robot made from a commercial (purchased) kit.\*

5547. Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote controlled device.\*

5545. Junk Drawer Robotics-based curriculum robot.\*  
TEAM ROBOTICS PROJECT

5517. Team Robot Exhibit, designed and constructed by 2 or more 4-H Space Tech project members. The robot must not be a mere modification of an existing robot kit or plan. The robot may be made from a commercial (purchased) kit.\*  
EDUCATIONAL EXHIBITS - POSTERS, NOTEBOOKS AND DISPLAY BOARDS

Purpose: To allow 4-Hers to explore Space Tech outside the bounds of traditional projects for rockets, robotics, astronomy, computers and unmanned aerial systems. All posters, notebooks and display boards are listed in this section and have been removed from the individual sections.

1. For notebooks, display boards, and posters, no additional exhibit information is required; no manila envelope is needed for these exhibits.

2. Exhibits in posters, notebooks and display boards may not be just a static project, but must contain substantial supporting educational materials in the form of posters, notebooks, or display boards etc.

3. Educational display boards, posters and notebooks should be creative and showcase details about the knowledge learned in the project

CLASS  
55776. Computer Educational Display  
5777. Computer Educational Notebook\*

5778. Computer Educational Poster  
Unmanned Aerial Systems Educational Exhibits Age 7-13 years  
CLASS

5781. Unmanned Aerial Systems Educational Display\*

5782. Unmanned Aerial Systems Educational Notebook\*

5783. Unmanned Aerial Systems Educational Poster\*

Unmanned Aerial Systems Educational Exhibits Age 14 years and over  
CLASS

5786. Unmanned Aerial Systems Educational Display\*

5787. Unmanned Aerial Systems Educational Notebook\*

5788. Unmanned Aerial Systems Educational Poster\*

DEPARTMENT AA  
4-H/FFA SHEEP  
Superintendent-Kay Tigner

1. See 4-H General Rules, weight limit and premium sale rules.

2. Sheep must be slick shorn with no more than .2 inch wool.

3. During the judges inspection or handling, all four feet of the animal are to be in contact with the ground.

4. All sheep must have scrapies ID tags.

5. Purebred includes Hampshire, Dorset and Suffolk.

MARKET LAMBS  
Trophies:  
G.C. Market Lamb

1. Gain Placing-Based on May tag day to fair (average daily gain to fair weigh date).

2. Sheep must be slick shorn with no more than .2 inch wool.

3. During the judges inspection or handling, all four feet of the animal are to be in contact with the ground.

4. All sheep must have scrapies ID tags.

5. Purebred includes Hampshire, Dorset and Suffolk.

MARKET LAMBS  
Trophies:  
G.C. Market Lamb

1. Gain Placing-Based on May tag day to fair (average daily gain to fair weigh date).

2. Sheep must be slick shorn with no more than .2 inch wool.

3. During the judges inspection or handling, all four feet of the animal are to be in contact with the ground.

4. All sheep must have scrapies ID tags.

5. Purebred includes Hampshire, Dorset and Suffolk.

6200 Educational Display- Must be directly related to the 4-H Shooting Sports Project (standard tri-fold boards only, no larger than 3'x4').

6201 Promotional Poster- Must promote 4-H Shooting Sports (Flat poster no larger than 22"x30")

6202 Notebook - Contents pertain to some phase, results, story or information about 4-H Shooting Sports  
Trophy: G.C. Shooting Sports  
1. General Rules apply.

2. Exhibits in this department are open to educational displays or promotional posters. Follow copyright laws as you prepare your exhibit. Take care to select durable materials to withstand Fair conditions. The educational display must be the standard tri-fold 3' tall x 4' wide ONLY. Promotional posters must be flat and no larger than 22" x 28". Exhibits exceeding the size guide lines will be penalized one ribbon placing.

3. EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS. No "live" ammunition containing propellant or explosive powders may be used in any display! Artistic substitutes must be used in lieu of powder and "live" ammunition.

4. Name, county, age and year in project should be in a prominent location on the exhibit.

5. Displays and posters will be judged on the following points:  
Stopping Power....15  
Interest, Holding Power ...15  
4-H Project Application ...15  
Mechanical Power ...5  
Personal Growth ...25  
Educational Value ...25

DEPARTMENT CC  
EXPLORING 4-H  
Superintendent  
Sharon Frankenbery

Trophy:  
G.C. Exploring 4-H  
1. General Rules apply.

CLASS  
979. Exploring 4-H Projects (limit 5 items per exhibitor)

DEPARTMENT DD  
4-H/FFA SWINE  
Superintendents - Brendan Coulter

Trophies:  
G.C. Market Hog  
G.C. Breeding Gilt  
G.C. Swine Fitting & Showing

1. See the general rules for premium sale, weight limit, entry time, carcass information.

2. Hogs must be clean and tags easy to read or they will not be entered or weighed.

3. Classes will be broke down by weights.

4. Exhibitor can tag 4 market hogs. 3 may be shown in market class and 1 may be shown in open or as a breeding gilt if applicable.

5. Market classes will be broke down by weights at the discretion of the Swine Superintendent.

6. Market classes will be broken into the following categories:  
a. Crossbreds  
b. Purebred: Duroc, Hampshire, Yorkshire, Spot, Poland, Herford, etc\*\*

\*\* A minimum of 3 purebreds to make a breed class. Papers must be provided and be in the exhibitors name or family name at weigh in. Also ear notches must match papers. If papers are not provided the animal will be shown with crossbreds. If there is not enough of a breed to make it's own class, it will be shown in either dark or light AOB (All Other Breeds).

7. Breeding Gilts must be under 1 year of age.

8. Breeding Gilts will be shown by weight  
9. Maximum of 2 breeding gilts per exhibitor.

10. An exhibitor can choose to show their 4th market swine in the breeding gilt class instead of the open market class, but not both. Exhibitor must inform at weigh in what class the animal will be shown in.

MARKET HOGS  
All hogs will be shown as strictly market hogs. No breeds will be specified.  
Gilts may be shown as market hogs.

CLASS  
982. Market Hog Live Placing  
BREEDING GILTS  
Judged as breeding gilts and not as market hogs

CLASS  
983. Breeding Gilt  
SWINE FITTING AND SHOWING

1. Age as of January 1st of the current year  
CLASS  
984. Fitting & Showing ages 7-9  
985. Fitting & Showing ages 10-13

DEPARTMENT EE  
4-H WOODWORKING  
Superintendent - Jerry Scott

Trophy: G.C. Woodworking  
1. Classes may be divided if a large number of exhibits are entered.

2. The glue-together kits.  
3. NO PLANS FROM WHICH THE EXHIBIT WAS CONSTRUCTED MUST BE WITH THE ARTICLE. 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.

4. Any project that has glass that is not secured, i.e., glass shelves, glass top of a coffee table, etc., cannot be taken to the state fair. Glass that is secured in the project, i.e., glass front of a gun case of cabinet, etc., is permissible since it cannot be removed from the project.

5. Firearms and weapons and weapons are not to be entered or displayed.

6. May enter 2 per class.  
CLASS  
4700. Woodwork articles for farm or shop use\*  
4701. Furniture for household or lawn use\*  
4702. Other Woodwork not included in above classes (bird houses, bird feeders knife racks, bread boards, door stops)\*

DEPARTMENT FF  
4-H WILDLIFE  
Superintendent - Sue Williams

Trophies: G.C. Jr. Wildlife  
G.C. Sr. Wildlife  
1. General rules apply.  
2. 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.  
3. Name, county, age and year in project should be in a prominent location on the exhibit.  
4. Notebooks and Displays will be judged on the following points:  
a. Stopping Power.....15  
b. Interest, Holding Power...15  
c. 4-H Project Application...15  
d. Mechanical Power (lettering etc.)....5  
e. Personal Growth.....25  
f. Educational Value.....25  
5. Posters will be judged on the following points:  
a. General Appearance.....30  
b. Information.....50  
c. Organization .....20  
CLASS  
5400. Notebook. Contents pertain to some phase, results, story or information about wildlife project.  
5401. Promotional Poster. Must be related to something learned in the wildlife project (Posterboard or foam board no larger than 22" x 28")  
5402. Educational Display. Must be directly related to the wildlife project. Maximum tri-fold size is 3' x 4'.  
5403. Taxidermy/Tanning Exhibit. Should include an attachment that shows the work in progress through photos with captions, or a detailed Journaling of the process.

Interest, Holding Power 30  
4-H Project application 25  
Mechanical Power 15  
TOTAL 100

6200 Educational Display- Must be directly related to the 4-H Shooting Sports Project (standard tri-fold boards only, no larger than 3'x4').

6201 Promotional Poster- Must promote 4-H Shooting Sports (Flat poster no larger than 22"x30")

6202 Notebook - Contents pertain to some phase, results, story or information about 4-H Shooting Sports  
Trophy: G.C. Shooting Sports  
1. General Rules apply.

2. Exhibits in this department are open to educational displays or promotional posters. Follow copyright laws as you prepare your exhibit. Take care to select durable materials to withstand Fair conditions. The educational display must be the standard tri-fold 3' tall x 4' wide ONLY. Promotional posters must be flat and no larger than 22" x 28". Exhibits exceeding the size guide lines will be penalized one ribbon placing.

3. EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS. No "live" ammunition containing propellant or explosive powders may be used in any display! Artistic substitutes must be used in lieu of powder and "live" ammunition.

4. Name, county, age and year in project should be in a prominent location on the exhibit.

5. Displays and posters will be judged on the following points:  
Stopping Power....15  
Interest, Holding Power ...15  
4-H Project Application ...15  
Mechanical Power ...5  
Personal Growth ...25  
Educational Value ...25

DEPARTMENT CC  
EXPLORING 4-H  
Superintendent  
Sharon Frankenbery

Trophy:  
G.C. Exploring 4-H  
1. General Rules apply.

CLASS  
979. Exploring 4-H Projects (limit 5 items per exhibitor)

DEPARTMENT DD  
4-H/FFA SWINE  
Superintendents - Brendan Coulter

Trophies:  
G.C. Market Hog  
G.C. Breeding Gilt  
G.C. Swine Fitting & Showing

1. See the general rules for premium sale, weight limit, entry time, carcass information.

2. Hogs must be clean and tags easy to read or they will not be entered or weighed.

3. Classes will be broke down by weights.

4. Exhibitor can tag 4 market hogs. 3 may be shown in market class and 1 may be shown in open or as a breeding gilt if applicable.

5. Market classes will be broke down by weights at the discretion of the Swine Superintendent.

6. Market classes will be broken into the following categories:  
a. Crossbreds  
b. Purebred: Duroc, Hampshire, Yorkshire, Spot, Poland, Herford, etc\*\*

\*\* A minimum of 3 purebreds to make a breed class. Papers must be provided and be in the exhibitors name or family name at weigh in. Also ear notches must match papers. If papers are not provided the animal will be shown with crossbreds. If there is not enough of a breed to make it's own class, it will be shown in either dark or light AOB (All Other Breeds).

7. Breeding Gilts must be under 1 year of age.

8. Breeding Gilts will be shown by weight  
9. Maximum of 2 breeding gilts per exhibitor.

10. An exhibitor can choose to show their 4th market swine in the breeding gilt class instead of the open market class, but not both. Exhibitor must inform at weigh in what class the animal will be shown in.

MARKET HOGS  
All hogs will be shown as strictly market hogs. No breeds will be specified.  
Gilts may be shown as market hogs.

CLASS  
982. Market Hog Live Placing  
BREEDING GILTS  
Judged as breeding gilts and not as market hogs

CLASS  
983. Breeding Gilt  
SWINE FITTING AND SHOWING

1. Age as of January 1st of the current year  
CLASS  
984. Fitting & Showing ages 7-9  
985. Fitting & Showing ages 10-13

DEPARTMENT EE  
4-H WOODWORKING  
Superintendent - Jerry Scott

Trophy: G.C. Woodworking  
1. Classes may be divided if a large number of exhibits are entered.

2. The glue-together kits.  
3. NO PLANS FROM WHICH THE EXHIBIT WAS CONSTRUCTED MUST BE WITH THE ARTICLE. 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.

4. Any project that has glass that is not secured, i.e., glass shelves, glass top of a coffee table, etc., cannot be taken to the state fair. Glass that is secured in the project, i.e., glass front of a gun case of cabinet, etc., is permissible since it cannot be removed from the project.

5. Firearms and weapons and weapons are not to be entered or displayed.

6. May enter 2 per class.  
CLASS  
4700. Woodwork articles for farm or shop use\*  
4701. Furniture for household or lawn use\*  
4702. Other Woodwork not included in above classes (bird houses, bird feeders knife racks, bread boards, door stops)\*

DEPARTMENT FF  
4-H WILDLIFE  
Superintendent - Sue Williams

Trophies: G.C. Jr. Wildlife  
G.C. Sr. Wildlife  
1. General rules apply.  
2. 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.  
3. Name, county, age and year in project should be in a prominent location on the exhibit.  
4. Notebooks and Displays will be judged on the following points:  
a. Stopping Power.....15  
b. Interest, Holding Power...15  
c. 4-H Project Application...15  
d. Mechanical Power (lettering etc.)....5  
e. Personal Growth.....25  
f. Educational Value.....25  
5. Posters will be judged on the following