

New Mexico State Fair
September 5 – 15, 2019

Junior Division 4-H Project Exhibits

Division 40



“4-H: Head, Heart, Hands and Health”

Superintendent

Mindy Turner

4-H PROJECT EXHIBITS 1

Announcements

Entries

Wednesday, September 4, 2019

From 1:00 pm to 4:00 pm

Releases

Monday, September 16, 2019

From 9:00 am to 1:00 pm

Special Rules

**** Please see Junior Livestock Division General Rules.**

****Read these rules carefully - they apply to all entries for the NMSF 4-H indoor exhibits!**

1. The New Mexico State Fair and 4-H Department shall not be held responsible for damage, loss, or theft of exhibits. All items are entered at your own risk. While we do our best to handle each item carefully and respectfully, there is always some risk of damage.
2. County Extension Agents or their designated representative are responsible for county exhibits. Individual entries will not be taken without explicit permission from the County Extension Office. Each County is responsible for their own entries. There will be no early drop-off of entries. Entries received with incorrect numbers will be returned to that County for renumbering.
3. Each county may bring only the first place exhibits from county fairs or achievement days in each class. Therefore, each county may enter only one exhibit per class, per section (novice, junior, senior).
4. Items must be entered in the appropriate age category: all ages are as of January 1st of the current 4-H year.
 - a. Novice - 8 years old and in the 3rd grade or 9 - 11 years old
 - b. Junior - 11 years old and in the 6th grade or 12 - 13 years old
 - c. Senior - 13 years old and in the 8th grade or 14 - 18 years old

* Cloverbuds - according to NM 4-H Policy, Cloverbuds are not eligible for competition and therefore cannot be qualified at the county level. No Cloverbud entries are taken at the State Fair.

5. 4-H'ers must be enrolled in the appropriate project to compete in that class.
6. Judging will be based on the standards listed including any size guidelines in the 4-H project book. Judges determine the merit of each exhibit. If multiple qualified items are in a class, they will be placed 1st-3rd, however, a judge may determine that no item meets the standard for 1st and choose not to award one. No more than one of each placing may be awarded in each class. If an item is the only entry in a class, judges will judge the item against the standard and may choose to award a 1st, 2nd or 3rd place or no placing at all.
7. Tape or sew a label giving the exhibitor's name, county, and year of project on each article. This is in addition to the fair exhibitor label which must be placed on the front of the item and attached securely.
8. All exhibits must be the work of the exhibitor and completed during the current 4-H year.
9. At the close of the fair, exhibit must be claimed by County Extension agent or an official representative of the exhibitor.
10. If necessary, exhibits may be sent by prepaid express or parcel post addressed to:
Superintendent 4-H Department
New Mexico State Fair
300 San Pedro Blvd. NE
Albuquerque, New Mexico, 87108
Phone (505) 222-9700
No later than 10 days prior to the entry date. Mailed or shipped entries will be returned in the same manner and in the same container received, provided funds to cover the transportation cost are included with the entry.
11. All items are displayed to the best of our ability. Cases will not be opened to move items, the exception being if items are upside down or mislabeled.
12. All entries must have an entry tag attached. Tags are color coded by age level: pink for Novice, yellow for Junior and green for Senior. Tags should contain the class number, project item description, member's name and county. Tags must be securely attached to the **front** of the item to allow for judging and display.
13. All Self-Determined entries must be accompanied by a completed Self-Determined Project Record Form 100.SD-1 (R-03). Self-Determined items that do not have a sheet will be disqualified - be sure the sheet is securely attached.
14. Exhibit sizing guidelines:

- a. Posters:** Posters may be no larger than 14 x 22 inches (this is half of a standard sheet of poster board). Posters are defined as any flat paper, foam board, cardboard, or other backing appropriate for hanging on the wall for display. Flat items placed on stands or with stands attached will be considered posters and the stands will not be utilized for display.
- b. Display Boards:** Display boards may be no larger than 18 x 48 inches (this is a small size display board or half of a standard display board). Display boards are defined as scored, freestanding science boards that may be purchased at any school supply store. These are boards made freestanding by the sides being folded in slightly.
- c. Other Exhibit Boards:** Exhibit bases for three dimensional vertical displays may be no larger than 24x24 inches. A vertical display is defined as an exhibit with a solid base where the exhibit itself rises up. This would apply to small engines, Self-Determined, or any other appropriate 3-D Display.
- d. Project Specific Boards:** Some project boards are given specific measurements within the project. For example, Leather craft and braiding have guidelines in the project book. If an exhibit is defined by the project book that is the rule members must follow.
- e. Oversized Exhibits:** Because of security and space limitations, extremely large/heavy project exhibits may not be accepted for display in the 4-H Department; call (575) 646-1166 for prior approval on large Woods, Welding or other large project displays. This only applies to actual items - posters, display boards, and vertical displays may not be over-sized. We cannot guarantee that oversized items will be placed behind glass.
- f. Photography Exhibits:** See specific sizing guidelines under the Photography Section. Photos may be mounted or matted with material strong enough to withstand transport and display (cardboard, mat board, poster board, etc.). We are not responsible for lost or damaged photos - please keep a copy of all prints submitted.

4-H Project Exhibit Listings

4-H "BEST OF SHOW" CONTEST

Rosettes will be awarded to Best of Division in eight (8) areas as selected by the judges:

- Animal Science
- Horticulture & Agronomy
- Natural Sciences
- Engineering Sciences
- Personal Growth & Development
- Creative Arts and Arts & Crafts
- Home Economics
- Consumer & Home and Family Life

From the eight (8) Best of Division winners, one overall Best of Show and one overall Reserve Best of Show will be selected.

- Best of Show will receive a Rosette and \$500
- Reserve Best of Show will receive a Rosette and \$250

Classes

Animal Science

****No Live Animals in This Exhibit**

Section N – Novice (Ages 9-11)

Section J – Junior (Ages 12-13)

Section S – Senior (Ages 14-18)

Animals

- Class 1. Exhibit about a livestock animal project (Horse, Goat, Poultry, Rabbit, Sheep, Swine, Beef, Dairy etc.)
- Class 2. Completed Project workbook or county record book about a livestock project (Horse, Goat, Poultry, Rabbit, Sheep, Swine, Beef, Dairy etc.)

Veterinary Science

- Class 3. The Normal Animal exhibit (project #01451)
- Class 4. Animal Disease exhibit (project #01452)
- Class 5. Animal Health and Our World exhibit (project #01453)
- Class 6. Self-Determined advanced Veterinary Science exhibit including Self-Determined Project Record Form #100.SD-1 (project #01459)

Dog Care and Training

- Class 7. Dog I: Wiggles and Wags exhibit (project #01151)
- Class 8. Dog II: Bounding Away exhibit (project #01152)
- Class 9. Dog III: Leading the Way exhibit (project #00153)
- Class 10. Self-Determined Advanced Dog Care exhibit including Self-Determined Project Record Form #100.SD-1 (project #01159)

Cats

- Class 11. Cat I: Purr-fect Pals exhibit (project #01154)
- Class 12. Cat II: Climbing Up exhibit (project #01155)
- Class 13. Cat III: Leaping Forward exhibit (project #01156)
- Class 14. Self-Determined Advanced Cat exhibit including Self-Determined Project Record Form #100.SD-1 (project #01169)

Rodeo

- Class 15. Rodeo Exhibit (project #01221)
- Class 16. Self-Determined Advanced Rodeo exhibit including Self-determined Project Record Form #100.SD.1

Small Pets

- Class 17. Pet Pals exhibit (project #01501)
- Class 18. Completed Pet Pals Project Workbook (project #01501)
- Class 19. Scurrying Ahead exhibit (project #01502)
- Class 20. Completed Scurrying Ahead Project Workbook (project #01502)
- Class 21. Tropical Fish exhibit (project #01504)
- Class 22. Hamster exhibit (project #01506)
- Class 23. Guinea Pig exhibit (project #01508)
- Class 24. Birds (Indoor) exhibit (project #01510)
- Class 25. Getting to Know Birds (Outdoor) exhibit (project #01512)
- Class 26. Self-Determined advanced Small Pets exhibit including Self-determined Project Record Form #100.SD.1

Horticulture and Agronomy

Section N – Novice (Ages 8-11)

Section J – Junior (Ages 12-13)

Section S – Senior (Ages 14-19)

Plant and Soil Science

- Class 100. Poster about soils (project #02001)
- Class 101. Display board utilizing soils (project #02001)
- Class 102. Poster about plant parts and functions (project # 02001)
- Class 103. Display utilizing a live plant to illustrate plant parts (parts must be labeled) Project Record Form #100.SD-1 (R-2001)
- Class 104. Terrarium (project # 02001)
- Class 105. Self-Determined Advanced Plant & Soil Sciences exhibit including Self-Determined Project Record Form #100.SD.1 (project # 02009)

Gardening (Flower)

- Class 106. Floral Arrangement (project #02102)
- Class 107. Exhibit about Flower gardening (project # 02102)
- Class 109. Self-Determined Advanced Flower Garden exhibit including Self-Determined Project Record Form #100.SD-1 (project #02109)

Gardening (Landscape)

- Class 110. Landscape Gardening Exhibit (project #02201)
- Class 111. Self-Determined Advanced Landscape Gardening exhibit including Self-Determined Project Record Form #100.SD-1 (project #02209)

Gardening (Produce)

- Class 112. Produce basket (collection of produce grown by the member and list of vegetables included (project #02251)
- Class 113. Gardening Exhibit (project #02251)
- Class 114. Completed Project Book (project #02251)
- Class 115. Self-Determined Advanced Vegetable Garden exhibit including Self-Determined Record Form #100.SD-1 (project #02259)

Range Plant Management

- Class 116. Poster about Range Plant Management (project #02300)
- Class 117. Ten mounted range plants with 3x5 labels exhibited in a notebook (project #02300)
- Class 118. Self-Determined Advanced Range exhibit including Self-Determined Record Form #100.SD-1 (project #02309)

Forestry

- Class 119. Poster about Forestry (project #02401)
- Class 120. Forest Tree Collection - cross-section of tree trunk/large branch with parts labeled and purpose of part listed (project #02401)
- Class 121. Self-Determined Advanced Forestry exhibit including Self-Determined Record Form #100.SD-1 (project #02409)

Natural Science

Section N – Novice (Ages 8-11)

Section J – Junior (Ages 12-13)

Section S – Senior (Ages 14-19)

Entomology

- Class 200. Entomology I exhibit (not an insect collection) (project #03051)
- Class 201. Entomology II Insect Collection (20 specimens from at least 5 orders) (project #03052)
- Class 202. Entomology III Insect Collection (30 specimens from at least 10 orders) (project #03052)
- Class 203. Entomology IV Insect Collection (30 specimens from at least 10 orders) (project #03052)
- Class 204. Entomology V Insect Collection (30 specimens from at least 10 orders) (project #03052)
- Class 205. Self-Determined Advanced Entomology exhibit including Self-Determined Record Form #100.SD-1 (project #03059)

Wildlife

- Class 206. Discovering Wildlife in New Mexico exhibit (project #03101)
- Class 207. Small Game of New Mexico exhibit (project # 03102)
- Class 208. Waterfowl Management exhibit (project # 03103)
- Class 209. Big Game of New Mexico exhibit (project #03104)
- Class 210. Self-Determined Advanced Wildlife exhibit including Self-Determined Record Form #100.SD-1 (project #03109)

Shooting Sports

- Class 215. Completed Shotgun Member Record Book (100.F-40 N-18) (project #03203)
- Class 216. Archery exhibit showing terms, history, parts, equipment or techniques (project #03204)
- Class 217. Completed Archery Member Record Book (100.F-41A) (project #03204)
- Class 218. Muzzle loading exhibit showing terms, history, parts, safety, equipment,

- or techniques (project #03206)
- Class 219. Completed Muzzleloading Member Record Book (100.F-44 N-18) (project #03206)
- Class 220. Self-Determined Advanced Shooting Sports exhibit including Self-Determined Record Form #100.SD-1 (project #03209)

Sport Fishing

- Class 240. Poster demonstrating common sport fish species found in your county and the water they can be found in (project #03401)
- Class 241. Exhibit on fishing safety (project #03401)
- Class 242. Exhibit using rope to demonstrate tying the common knots used in fishing (project #03401)
- Class 243. One original fly or lure crafted by the member with a poster describing which fish and conditions the fly is designed for and how to use the tackle properly (project #03401)
- Class 244. Self-Determined Advanced Sport Fishing exhibit including Self-Determined Record Form #100.SD-1 (project #03409)

Engineering Science

Section N – Novice (Ages 8-11)

Section J – Junior (Ages 12-13)

Section S – Senior (Ages 14-19)

Electricity

- Class 300. Flashlight (project # 04151)
- Class 301. A Simple Switch (project # 04151)
- Class 302. Electromagnet (project #04151)
- Class 303. Completed Magic of Electricity Project Book (project #04151)
- Class 304. Complete simple circuit demonstrating DC and AC current (project #04152)
- Class 305. Parallel Circuit Board labeled with proper symbols (project #04152)
- Class 306. Series Circuit Board labeled with proper symbols (project #04152)
- Class 307. Battery Alarm (project #04152)
- Class 308. Completed Investigating Electricity Project Book (project #04152)
- Class 309. Exhibit of various electrical wires, labeled with gauge, type and usage (project #04153)
- Class 310. Poster demonstrating 3 major types of light bulbs (project #04153)
- Class 311. Poster showing circuits and switches floor plan of your home, including receptacles and fixtures, labeled with proper symbols (project #04153)
- Class 312. Completed Wired for Power Project Book (project #04153)

- Class 313. Circuit using diodes; label all parts with proper symbols (project #04154)
- Class 314. Circuit that intermittently flashes the LED (project #04154)
- Class 315. A 6 to 8 Watt Amplifier (project #04154)
- Class 316. Completed Entering Electronics Project Book (project #04154)
- Class 317. Self-Determined advanced Electricity exhibit including Self-Determined Project Record Form #100.SD.1 (project # 04159)

Small Engines

- Class 318. Crank It Up - exhibit (project #04251)
- Class 319. Crank It Up - completed project workbook (project #04251)
- Class 320. Warm It Up - exhibit (project #04252)
- Class 321. Warm It Up - completed project workbook (project #04252)
- Class 322. Tune It Up - exhibit (project #04253)
- Class 323. Tune It Up - completed project workbook (project #04253)
- Class 324. Self-Determined Advanced Small Engines exhibit including Self-Determined Project Record Form #100.SD.1 (project #04259)

Welding

- Class 325. Unit I Name Plate - no larger than 12"x24" x 3/16" or 1/4" (project #04301)
- Class 326. Unit I Silhouettes - set of 4 NRA small bore rifle regulation animals 1/4" or 3/16" thick (project #04301)
- Class 327. Unit I Clover - 12" across by 1/4" or 3/16" thick (project #04301)
- Class 328. Unit II - Skill Plate (project #04302)
- Class 329. Unit II - Adjustable Sawhorse (project #04302)
- Class 330. Self-Determined Advanced Welding exhibit including Self-Determined Project Record Form #100.SD.1 (project #04309)

Rocketry

Please package all rockets in boxes for transport to NMSF.

- Class 331. Unit I - Model Rocket - Skill Level I (project #04401)
- Class 332. Unit I- Model Rocket - Skill Level II (project #04401)
- Class 333. Unit II - Model Rocket - Multi-stage (project #04402)
- Class 334. Unit II - Log of events from NASA Millennium Calendar (project #4402)
- Class 335. Self-Determined Advanced Rocketry exhibit including Self-Determined Record Form #100.SD-1 (project #04409)

Wood Science

- Class 336. Measuring Up - Flower Box (project #04451)
- Class 337. Measuring Up - Napkin or Letter Holder (project #04451)

- Class 338. Measuring Up - Picture Frame (project #04451)
- Class 339. Measuring Up - Completed project workbook (project #04451)
- Class 340. Making The Cut - Napkin or Letter Holder (project #04452)
- Class 341. Making The Cut - Birdhouse (project #04452)
- Class 342. Making The Cut - Foot Stool (project #04452)
- Class 343. Making The Cut - Completed project workbook (project #04452)
- Class 344. Nailing it Together - Bookcase (project #04453)
- Class 345. Nailing it Together - Learning Tree Jigsaw Puzzle (project #04453)
- Class 346. Nailing it Together - Box of Many Uses (project #04453)
- Class 347. Nailing it Together - Completed project workbook (project #04453)
- Class 348. Finishing Up - Name Plate with inlay and overlay (project #04454)
- Class 349. Finishing Up - Step Stool/Chair (project #04454)
- Class 350. Finishing Up - Table Top Hockey Game (project #04454)
- Class 351. Finishing Up - Completed project workbook (project #04454)
- Class 352. Self-Determined Advanced Wood Science exhibit including Self-Determined Project Record Form #100.SD.1 (project #04459)

Robotics

- Class 360. Self-Determined Robotics exhibit including Self-Determined Project Record Form #100.SD.1.

Personal Growth and Development

Section N – Novice (Ages 8-11)

Section J – Junior (Ages 12-13)

Section S – Senior (Ages 14-19)

Welcome to NM 4-H

- Class 400. 4-H banner (no larger than 18x24 inches) (project #05001)
- Class 401. Decorated 4-H T-shirt (must have a 4-H theme) (project #05001)
- Class 402. Frame decorated with 4-H clover and slogan or motto - no larger than 9x12 inches with a photo of 4-H members or a 4-H activity (frame may not contain glass) (project #05001)
- Class 403. Poster showing your participation in a 4-H event or activity (project #05001)
- Class 404. Self-Determined Advanced 4-H Growth and Development exhibit including Self-Determined Project Record Form #100.SD.1 or appropriate project record form (project #05009)

Health and Safety

- Class 405. Sports Fitness exhibit (project #05040)
- Class 406. Self-Determined Physical Fitness exhibit including Self-Determined Record Sheet #100.SD-1 (project # 05049)
- Class 407. Self-Determined Health exhibit including Self-Determined Record Form #100.SD-1 (project #05029)
- Class 408. Self-Determined Safety exhibit including Self-Determined Record Form #100.SD-1 (project #05039)

Citizenship

- Class 411. Unit I - My Clubs and Groups project exhibit (project #05351)
- Class 412. Unit II - My Community project exhibit (project #05352)
- Class 413. Unit III - My Heritage project exhibit (project #05353)
- Class 414. Unit IV - My Government project exhibit (project #05354)
- Class 415. Unit V - My World project exhibit (project #05355)
- Class 416. Self-Determined advanced Citizenship exhibit including Self-Determined Project Record Form #100.SD-1 or appropriate project record form (project #05359)

Leadership

- Class 415. Leadership I - Poster demonstrating personal leadership (project #05201)
- Class 416. Leadership II - Photo story showing personal leadership event (project #05203)
- Class 417. Leadership III - Written goals, action plan and results of a leadership event encouraging leadership in others (project #05205)
- Class 418. Self-Determined Advanced Leadership exhibit including Self-Determined Record Form #100.SD-1 (project #05209)

Speaking

- Class 419. Written speech on topic of choice given at a 4-H event (project #05301)
- Class 420. Written speech on a topic of choice given at a 4-H Event (project #05301)
- Class 421. Picture Display of Visual Aids (project #05301)
- Class 422. Video of Speech (project #05301)
- Class 423. Written story of your Public Speaking experience (project #05301)
- Class 424. Self-Determined Advanced Public Speaking exhibit including Self-Determined Project Record Form #100.SD.1 (project #05309)

Clowning

- Class 425. Clowning project exhibit (project #05401)
- Class 426. Self-Determined Advanced Clowning exhibit including Self-Determined Project Record Form #100.SD.1 (project #05409)

Digital Story Telling

- Class 429. Exhibit about Digital Story Telling (project #05311)
- Class 430. Digital Story with a 4-H Theme (project #05311)
- Class 431. Digital Story with a non-4-H Theme (project #05311)

Cultural Education

New Mexico Flavor

- Class 502. Plate of three (3) flour tortillas (specify flour types) (project #05501)
- Class 503. Chile Ristra (project #05501)
- Class 504. Recipe box with recipes (project #05501)
- Class 505. Plate of three (3) biscochitos (project #05501)
- Class 506. Plate of three (3) NM Wedding cookies (project #05501)
- Class 507. Plate of three (3) corn tortillas (project #05501)
- Class 508. Plate of three (3) empanadas (project #05501)

Uniquely New Mexico

- Class 507. Journal about a County Trip (project #05502)
- Class 508. Sand Art Article (project #05502)
- Class 509. Tin Art Article (project #05502)
- Class 510. Corn Necklace (project #05502)
- Class 511. Cornhusk Doll (project #05502)
- Class 512. Pinata (project #05502)
- Class 513. Craft of Your Choice (must pertain to New Mexico) (project #05502)

New Mexico Round Up

- Class 514. Rope Article (project #05503)
- Class 515. Plate of three (3) sourdough biscuits (project #05503)
- Class 516. Beef Jerky - four (4) strips (project #05503)
- Class 517. Trail Mix (1/2 pint jar) (project #05503)
- Class 518. Poster of Your County Agricultural Products (project #05503)
- Class 519. Poster on the Cattle Industry in New Mexico (project #05503)
- Class 520. Poster on the Sheep Industry in New Mexico (project #05503)
- Class 521. Craft of Your Choice using a recycled boot (project #05503)
- Class 521. Self-Determined advanced Cultural Education exhibit including Self-Determined Record Form #100.SD-1 or appropriate project record form (project #05509)

Computer

Class 600. Self-Determined Computer exhibit including Self-Determined Record Form #100.SD-1 (project #08109)

Creative Arts

Section N – Novice (Ages 8-11)

Section J – Junior (Ages 12-13)

Section S – Senior (Ages 14-19)

Leathercraft

Class 700. Coaster (project #06001)

Class 701. Dog Collar (project #06001)

Class 702. Coin Purse (project #06001)

Class 703. Knife Sheath (project #06001)

Class 704. Other Stamped Item (project #06001)

Class 705. Practice Board (project #06001)

Class 706. Unit II - Exhibit Board (project #06002)

Class 707. Unit III & Advanced - One completed article which includes at least three (3) major skills (project #06003)

Class 708. Unit III & Advanced - Article showing embossing, filigree work, figure carving or molding (project #06003)

Class 709. Unit III & Advanced - Pictorial Carving Article (project #06003)

Class 710. Unit III & Advanced - Article using Geometric Stamping (project # 06003)

Class 711. Unit III & Advanced - Leather Garment (project #06003)

Class 712. Unit III & Advanced - Leather Home Furnishing (project #06003)

Class 713. Unit III & Advanced - Original Design in Leather (project #06003)

Class 714. Unit III & Advanced - Leather Saddle (project #06003)

Class 715. Self-Determined Advanced Leathercraft exhibit including Self-Determined Record Form #100.SD-1 (project #06009)

Braiding

Class 716. Unit I - Exhibit board (project #06011)

Class 717. Unit II - Exhibit board (project #06012)

Class 718. Advanced braided belt (project #06013)

Class 719. Self-Determined Braiding exhibit (project #06019) including copy of Self-Determined Record Form #100.SD-1 (project #06019)

Fibercraft

Embroidery

- Class 800. Unit I - Embroidery article for yourself (project #06051)
- Class 801. Unit I - Embroidery article for your home (project #06051)
- Class 802. Unit II - Embroidery article meeting Unit 2 requirements (project #06051)
- Class 803. Unit III - An article using colcha (project #06051)
- Class 804. Unit III - An article using crewel (project #06051)

Cross-Stitch

- Class 805. Unit I - Cross-stitch article using pre-stamped design (project #06055)
- Class 806. Unit I - Cross-stitch article using transfer design (project#06055)
- Class 807. Unit II - Cross-stitch article on even weave fabric from charted design (project #06055)
- Class 808. Unit II - Cross-stitch article on gingham from charted design (project #06055)
- Class 809. Unit II - Cross-stitch article on perforated paper from charted design (project #06055)
- Class 810. Unit III - Cross-stitch article charted from a picture (project #06055)
- Class 811. Unit III - Cross-stitch article from an original chart (project #06055)
- Class 812. Unit III - Cross-stitch exhibit done in Assisi (project #06055)

Needlepoint

- Class 813. Unit - Design in half cross-stitch and completed project record sheet (project #06071)
- Class 814. Unit 1 - Design in half cross-stitch and continental stitch and completed project record sheet (project#06071)
- Class 815. Unit 2 - Sampler with 12 stitch variations finished appropriately and completed project record sheet (project #06071)
- Class 816. Unit 2 - Knife-edge pillow or picture including at least six (6) stitch variations and completed project record sheet (project #06071)
- Class 817. Unit 3 - Article in Bargello, Florentine, Hungarian, Parisian, Brick or upright Gobelin stitch and completed project record sheet (project #06071)
- Class 818. Unit 3 - Article using at least five (5) slanted and two (2) straight stitch variations and completed project record sheet (project #06071)

Crochet

- Class 819. Unit 1 – Scarf, cap or beret (choose one) using combination of single and double crochet stitches (project #06061)
- Class 820. Unit 1 - Pillow using granny square design (project #06061)
- Class 821. Unit 2 - Potholder using basic crochet stitches and one or more pattern stitches (project #06061)
- Class 822. Unit 2 – Decorative Stitch Pillow using basic stitches and one or more pattern stitches (project #06061)

Class 823. Unit 3 - An afghan, shawl, scarf or throw using one or a combination of the following stitches: Afghan Stitch, Broomstick Lace, or Hairpin Lace (Project #06061)

Macramé

Class 824. Unit 1 – Two (2) small articles illustrating square and half hitch knots and their variations and completed project record sheet (project # 06081)

Class 825. Unit 2 – Two (2) articles using different knots or knot variations of different types of yarn or cord and completed project record sheet (project #06081)

Class 826. Unit 3 - Article of original design with chart and completed project record sheet (project #06081)

Knitting

Class 827. Unit I - Two small articles, using the basic knitting stitches - knit and purl (head band, cap, slippers, belt, purse, placemats, pillow top, scarf muffler or other items) (project #06041)

Class 828. Unit II - Two articles (shrink, vest, simple sweater, poncho, shawl, cap and/or mittens) showing:

- a. Increasing and decreasing stitches
- b. Two or more connected pieces
- c. Use of two or more colors (as in stripes)
- d. A combination of at least two variations of basic knit and purl stitches in each article (project #06041)

Class 829. Unit III - Garment or large article such as an afghan, coat, sweater, dress, suit or other item, using a pattern that includes a design variation in stitch pattern and/or color (project #06041)

Class 830. Unit III - Mittens, socks or hat knitted using four needles (project #06041)

4-H Weaving

Class 831. Constructed Loom (project #06065)

Class 832. Woven Coasters (set of 4) (Project #06065)

Class 833. Woven Placemat (project #06065)

Class 834. Self-determined Advanced Fibercraft exhibit including Self-Determined Record Sheet #100.SD-1 or appropriate project record form (project #06099)

Ceramics

Be sure to wrap all ceramic exhibits well to prevent breakage.

- Class 900. One glazed item (project #06101)
- Class 901. One underglazed item - a ceramic color was used under a glaze (project #06101)
- Class 902. One overglazed item - decorative finish fired on a glazed surface (project #06101)
- Class 903. One unfired finish item - stains, dry brush, gold leaf, air brush, etc. (project #06101)
- Class 904. One hand-molded clay item (project #06101)
- Class 905. One greenware adaptation item (project # 06101)
- Class 906. Self-Determined Advanced Ceramics exhibit including Self-Determined Record Sheet #100.SD-1 or appropriate project record form (project #06109)

Photography

Single photographs (3 1/2" x 5", 4" x 6", or 5" x 7" prints) must be mounted on an 8" x 10" backing without frames or glass, with a caption.

Sets of 2 or 3 photographs (3 1/2" x 5" or 4" x 6" prints) must be mounted on an 11" x 14" backing without frames or glass, with a caption for each photo.

Set of 4 or 5 photographs (3 1/2" x 5" or 4" x 6" prints) must be mounted on a 14" x 22" backing without frames or glass, with a caption for each photo.

Backing needs to be sturdy enough to support photo and travel well.

Unit I - Focus on Photography

- Class 1000. Unit I - Set of 2 Portraits (two photos of the same person one using landscape and one using portrait position (project #06201)
- Class 1001. Unit I - Set of 2 Shadow Photos (one with item casting shadow, one of shadow only) (project #06201)
- Class 1002. Unit I - Trick photo (project #06201)
- Class 1003. Unit I - Same subject taken with front, back side and top lighting (4 photos) (project #06201)
- Class 1004. Unit I - Set of Birds Eye View and Bugs Eye View Photos (2 photos) (project #06201)
- Class 1005. Unit I - Black & White Photo (project #06201)
- Class 1006. Unit I – Flash Photo (project #06201)

Unit II - Controlling the image

- Class 1007. Unit 2 – Photo showing Good Composition (project #06202)
- Class 1008. Unit 2 – Action Photo (project #06202)
- Class 1009. Unit 2 – Photo set at Night (project #06202)
- Class 1010. Unit 2 – Silhouette Photo (project #06202)
- Class 1011. Unit 2 – Five (5) photos of the same subject taken from different angles (project #06202)

Unit III – Mastering Photography

- Class 1012. Unit 3 – Reflection Photo
- Class 1013. Unit 3 – Still-life Photo
- Class 1014. Unit 3 – Portrait Photo
- Class 1015. Unit 3 – Display of 3 photos for a marketing brochure
- Class 1016. Unit 3 – Exhibit of 5 specialty photos (photos using special lens, special effects, lighting and/or other specialized equipment labeled for technique)

Digital Photography

- Class 1017. Display of your five (5) favorite photos with captions (project #06204)
- Class 1018. Display of three (3) news event photos (project #06204)
- Class 1019. Color photo converted to black and white – must include original photo (project #06204)
- Class 1020. Black and white photo with some color added – must include black and white photo (project #06204)
- Class 1021. Photo with and added vignette and background – must include original photo (project #06204)
- Class 1022. Photo documenting a 4-H event with caption (project #06204)

Scrapbooking

- Class 1025. One (1) scrapbook page in an 8.5” X 11” or 12” X 12” format (project #06206)
- Class 1026. Two (2) scrapbook pages in a 8.5” X 11” or 12” X 12” format that go together in a set (a two-page spread) (project #06206)
- Class 1027. One (1) completed theme album of any size (project #06206)
- Class 1028. One (1) completed gift album of any size (project #06206)
- Class 1029. One (1) covered photo album (project #06206)
- Class 1030. Self-Determined Advanced Scrapbooking exhibit including Self-Determined Record Sheet #100.SD-1 (R-2001) (project #06209)

Duded Up Denim – items must follow patterns/instructions included in the project book.

- Class 1040. Pocket Purse (project #07163)
- Class 1041. Pot Holder (project #07163)
- Class 1042. Apron (project #07163)

- Class 1043. Pocket Frame (project #07163)
- Class 1044. Magnetic Board (project #07163)
- Class 1045. Rag Quilt (project #017163)
- Class 1046. Any other item from the project book (project #07163)

Jewelry Making – items must utilize techniques learned in the project book

- Class 1050. Pair of Earrings (project #06111)
- Class 1051. Keychain (project #06111)
- Class 1052. Leather Bracelet (project #06111)
- Class 1053. Necklace (project #06111)
- Class 1054. Bookmark (project #06111)
- Class 1055. One complete set: including earrings, necklace and bracelet (project #06111)
- Class 1056. Jewelry Business Portfolio: including business name, logo, outline of 5 step marketing plan and product pricing worksheets (project #06111)
- Class 1057. Other item using memory wire, elastic bead cord or flex bead cord (project #06111)
- Class 1058. Self-determined Advanced Jewelry exhibit including Self-Determined Record Sheet #100.SD-1 or appropriate project record form (project #06111)

Origami

- Class 1070. Origami Exhibit – types of paper, techniques, history, etc. (project #06207)
- Class 1071. Origami House (project #06207)
- Class 1072. Origami Piano (project #06207)
- Class 1073. Origami Crane (project #06207)
- Class 1074. Origami Ball (project #06207)
- Class 1075. Origami Four Leaf Clover (project #06207)
- Class 1076. Origami Item not in project manual (project #06207)

Home Economics

Section N – Novice (Ages 8-11)

Section J – Junior (Ages 12-13)

Section S – Senior (Ages 14-19)

Sewing I

- Class 1100. Unit I - Sewing Tool Kit (project #07002)
- Class 1101. Unit I - Simple Gathered Skirt (project #07002)
- Class 1102. Unit I - Quick and Easy Tote Bag (project #07002)
- Class 1103. Unit I - Scrunchie (project #07002)

Sewing II

- Class 1104. Unit II - Patchwork Pillow (project #07003)
- Class 1105. Unit II - Handy Dandy Apron (project #07003)
- Class 1106. Unit II - X-citing Pants or Shorts (project #07003)
- Class 1107. Unit II - X-tra Special Shirt (project #07003)

Mix and Match I - no zipper in garments

- Class 1108. Sam, the Slinky Snake (project #07101)
- Class 1109. Skirt and top (project #07101)

Mix and Match I - no zipper in garments (cont.)

- Class 1110. Vest and skirt/pants (project #07101)
- Class 1111. Top and pants/shorts (project #07101)
- Class 1112. Jumper and top (project #07101)

Mix And Match II - one garment must include a lapped zipper

- Class 1113. Top and skirt (project #07102)
- Class 1114. Top and pants/shorts (project #07102)
- Class 1115. Jumper and top (project #07102)
- Class 1116. Outfit with three pieces (project #07102)
- Class 1117. Vest and pants/skirt (project #07102)

Let's Make a T-Shirt

- Class 1118. T-shirt (project #07103)

Sew and Go

- Class 1119. Quick Sack (project #07104)
- Class 1120. Jumbo Garment Bag (project #07104)
- Class 1121. Handy Duffle Bag (project #07104)
- Class 1122. Super Duffle Bag (project #07104)

Creative Touches

- Class 1123. Embellished shirt - denim, sweatshirt or T-shirt using techniques in project book (project #07105)
- Class 1124. Embellished jacket (project #07105)
- Class 1125. Embellished vest (project #07105)
- Class 1126. Embellished pants (project #07105)
- Class 1127. Accessories - decorated tote bag, shoes, hats or socks (project #07105)

Senior Clothing Construction I

(project #07153)

Senior Clothing Construction I - Senior Level Only

Casual Wear

- Class 1128. Casual dress - one or two piece
- Class 1129. Pants/slacks with blouse/shirt (2 pieces)
- Class 1130. Shorts and top (2 pieces)
- Class 1131. Skirt and top (2 pieces)
- Class 1132. Jumper and blouse (2 pieces)
- Class 1133. Jumpsuit

Coordinates

- Class 1134. Skirt with blouse and vest or jacket (3 pieces)
- Class 1135. Pants with blouse and vest or jacket (3 pieces)
- Class 1136. Two-piece dress and jacket (3 pieces)
- Class 1137. Shorts or pants with blouse and sweater (3 pieces)

Dress-Up Attire

- Class 1138. Dress (non-formal)
- Class 1139. Suit (at least 2 pieces)
- Class 1140. Dress and jacket (2 pieces)

Formal Wear

- Class 1141. Prom dress or bridesmaid's dress (short)
- Class 1142. Prom dress or bridesmaid's dress (long)
- Class 1143. Wedding dress
- Class 1144. Tuxedo
- Class 1145. Cutaway coat and slacks

Senior Clothing Construction II

(project #07154)

Senior Clothing Construction II - Senior Level Only

Creative Design - all garments must be the original design or adaptation of the exhibitor

- Class 1146. Shirt/Blouse
- Class 1147. Pants/Shorts/Skirt
- Class 1148. Dress
- Class 1149. Two-Piece Outfit - Shirt & Pants/Skirt
- Class 1150. Three-Piece Outfit - Jacket, Shirt & Pants/Skirt

Fashion Magic - Senior Level Only - Pilot

Phase I - Wardrobe Planning

Class 1151. Planning Notebook & Clothing Ensemble (project #07155)

Class 1152. Wardrobe Planning Exhibit (project #07161)

Phase II - Clothing Coordination

Class 1153. Coordination Notebook & Clothing Ensemble (project #07162)

Class 1154. Clothing Coordination Exhibit (project #07162)

Phase III - Fashioning Consumerism & Careers

Class 1155. Fashioning Consumerism & Careers Exhibit (project #07161)

Serger Sewing (project #07158)

Class 1156. Tissue cover

Class 1157. Eyeglass case

Class 1158. Book cover

Class 1159. Tote bag

Class 1160. T-shirt

Class 1161. Running shoes

Class 1162. T-shirt dress

Class 1163. Half slip

Class 1164. Fringed skirt and shawl (2 pieces)

Class 1165. Scarf

Class 1166. Set of four (4) place mats and napkins

Class 1167. Self-determined Sewing exhibit including Self-Determined Record Sheet #100.SD-1 (project #07199)

Quilting (project #06030)

Class 1168. Quick & Easy Throw

Class 1169. Rag Throw

Class 1170. Large Rag Quilt

Class 1171. Rail Fence Throw

Class 1172. Rail Fence Quilt

Class 1173. 9-Patch Throw

Class 1174. 9-Patch Quilt

Class 1175. Quick & Easy Pillowcase

Class 1176. Rag Quilt Pillow

Class 1177. Rail Fence Pillow

- Class 1178. 9-Patch Pillow
- Class 1179. Self-Determined Hand Quilted exhibit including Self-Determined record sheet #100.SD-1
- Class 1180. Self-Determined Machine Quilted exhibit including Self-Determined record sheet #100.SD-1

Quilting

- Class 1182. Quick & Easy Throw (project #06030)
- Class 1183. Rag Throw (project #06030)
- Class 1184. Large Rag Quilt (project #06030)
- Class 1185. Rail Fence Throw – quilted by member (tied, hand or machine quilted) (project #06030)
- Class 1186. Rail Fence Throw – quilted by other (project #06030)
- Class 1187. Rail Fence Quilt – quilted by member (tied, hand or machine quilted) (project #06030)
- Class 1188. Rail Fence Quilt – quilted by other (project #06030)
- Class 1189. 9-Patch Throw – quilted by member (tied, hand or machine quilted) (project #06030)
- Class 1190. 9-Patch Throw – quilted by other (project #06030)
- Class 1190. 9-Patch Quilt – quilted by member (tied, hand or machine quilted) (project #06030)
- Class 1191. 9-Patch Quilt – quilted by other (project #06030)
- Class 1192. Quick & Easy Pillowcase (project #06030)
- Class 1193. Rag Quilt Pillow (project #06030)
- Class 1194. Rail Fence Pillow (project #06030)
- Class 1195. 9-Patch Pillow (project #06030)
- Class 1198. Self-determined Advanced Quilting exhibit including Self-Determined Record Sheet #100.SD-1 (project #06030)

Food and Nutrition

Adventures With Food (project #07380)

- Class 1200. Trail Mix (1/2 pint jar)
- Class 1201. Butterscotch Fingers (3)
- Class 1202. Oatmeal Cookies (3)
- Class 1203. Peanut Butter Cookies (3)
- Class 1204. Completed project workbook

Quick Meals (project #07382)

- Class 1205. Spicy Granola Cereal (1/2 pint jar)
- Class 1206. Breakfast Bars - (3)
- Class 1207. Oatmeal Applesauce Cookies - (3)
- Class 1208. Menu for a day (mounted on firm paper 8 1/2" x 11")

Class 1209. Completed project workbook

Food, Friends and Fun (project #07384)

Class 1210. Applesauce Oatmeal Muffins - (3)

Class 1211. Plan a Party Guide (mounted on firm paper 8 1/2" x 11")

Class 1212. Gift from the kitchen

Class 1213. Completed project workbook

Outdoor Cooking

Outdoor Cooking Unit I – On the Grill

Class 1214. Unit I – Outdoor Cooking – Grilling exhibit (project #07386)

Class 1215. Unit I – Outdoor Cooking – Grilling Recipe (original or adapted – mounted on firm paper 8 1/2" x 11") (project #07386)

Class 1216. Unit I – Completed Grilling Menu Planning Worksheet

Outdoor Cooking Unit II – Going Dutch (project #07386)

Class 1217. Unit II – Outdoor Cooking – Dutch Oven exhibit (project #07387)

Class 1218. Unit II – Outdoor Cooking Dutch Oven Recipe (original or adapted – mounted on firm paper 8 1/2" x 11") (project #07387)

Class 1219. Unit II – Completed Dutch Oven Menu Planning Worksheet
(project #07387)

Super Snacking (project #07257)

Class 1225. Super Snacking exhibit

Class 1226. Completed project book

Class 1227. Self-Determined Food and Nutrition exhibit including
Self-Determined Record Form #100.SD-1 (project #07399)

Baking

Baking - all Baking Exhibits must be made using the recipes provided.

Baking - Unit I (project #07280)

Class 1300. Three (3) biscuits

Class 1301. Three (3) plain muffins

Class 1302. Three (3) chocolate chip cookies

Class 1303. Three (3) sugar cookies - round, plain, un-iced

Baking - Unit II (project #07282)

Class 1304. Banana Nut Bread - one (1) loaf

Class 1305. Quick Coffee Cake - two (2) 2" x 2" squares

Class 1306. Three (3) Brown Sugar Nut Cookies

Class 1307. Three (3) Jam Thumbprint Cookies

Class 1308. Plain Brownies three (3) 2" x 2"squares

Class 1309. Cornbread - two (2) 2" x 2" squares

Breads - Pilot (project #07284)

Class 1310. Three (3) cinnamon rolls (iced)

Class 1311. Three (3) whole wheat refrigerator rolls

Class 1312. One (1) 9 x 5 loaf white yeast bread

Class 1313. Three (3) crescent rolls

Class 1314. Three (3) Angel biscuits

Class 1315. One (1) loaf or three (3) rolls of any specialty bread from project

Pastries And Pies (project #07286)

Class 1316. One (1) 8" or 9" double crust peach or apricot pie

Class 1317. One (1) 8" or 9" double crust berry pie

Class 1318. Two (2) fruit-filled turnovers or empanadas

Class 1319. One 8" or 9" double crust apple pie

Cakes (project #07300)

Class 1320. One 8" or 9" Round Yellow Cake - unfrosted

Class 1321. White or Yellow Two (2) Layer Cake with Butter Cream Frosting

Class 1322. Chocolate Two (2) Layer Cake with Chocolate Butter Cream Frosting

Class 1323. Sponge Cake - unfrosted

Class 1324. Angel Food Cake - unfrosted

Class 1325. Pound Cake - unfrosted

Class 1326. German Chocolate Cake

Class 1327. Jelly Roll

Class 1328. Apple Bundt Cake - unfrosted

Cake Decorating

Cake Decorating Units I – III Royal icing or Fondant cannot be used as a base frosting in these units (project #07301)

Class 1340. Unit 1 – One (1) decorated single layer cake – 8" or 9" round or 9x13 using edible decorations, no decorator tips

- Class 1341. Unit 2 – One (1) decorated single layer cake using the writing, leaf and star tips
- Class 1342. Unit 3 – One (1) decorated two-layered cake using 3-5 tips including the writing, leaf and star tips in decorating, a side border and demonstrate figure piping.

Cake Decorating Units IV – VI (project #07302)

- Class 1343. One decorated character cake which resembles the shape of a character or object made without cutting.
- Class 1344. Three (3) decorated cupcakes of a similar design or theme.
- Class 1345. Character or design using a single layer of cupcakes on one cake board no larger than 9" x 13"
- Class 1346. One decorated cup-up cake using three different types of tips (frosting, edible materials – including royal icing and fondant are allowed) (internal non-edible supports allowed, but must not show.)

Cake Decorating Units VII – IX (project #07303)

- Class 1347. One two-layer 8", 9" or 10" cake using a minimum of one flat surface flower, one flower made on a flat flower nail, one border and one side trim.
- Class 1348. One decorated two-layer 8", 9" or 10" round or square cake using fondant and gum paste decorations as well as any skills from Units III – VII.
- Class 1349. One decorated two layer 8", 9" or 10" cake using string work and flower(s) made on a lilly flower nail and border.

Cake Decorating Units X – XII Senior Only (project #07304)

- Class 1350. One decorated cake of three or more tiers of graduated sizes, using supports and separator plates. Pillars may be used, but are not required. A border is required.
- Class 1351. One molded or shaped object may be on a decorated cake or an independent display in a case (no larger than 10 inches) to protect the item from harm.
- Class 1352. One detailed notebook describing your cake decorating project including goals, plans, accomplishments, evaluation (pg 24-28) and photos.

Dairy Food

Unit I - Milk (project #07310)

Class 1400. Buttermilk Cornbread - one (1) 3" piece

Class 1401. Three (3) Oatmeal Cookies

Class 1402. Completed project record form

Unit II - Ice Cream (project #07312)

Class 1403. Granola Cookies (3)

Class 1404. Completed project record form

Unit III - Cheese (project #07314)

Class 1405. Cheese sticks

Class 1406. Completed project record form

Class 1407. Self-Determined Dairy Foods exhibit including Self-Determined Record Form #100.SD-1 (project #07319)

Food Preservation

Section N – Novice (Ages 8-11)

Section J – Junior (Ages 12-13)

Section S – Senior (Ages 14-19)

Foods for the Future

(Label and date each jar)

Unit I - Freezing and Drying Fruits (project #07401)

Class 1500. Unit 1 - Poster to which four (4) samples of different dried fruits are attached. Each sample should be in a small plastic bag (for display purposes only) and should contain approximately 1/4 cup of dried fruit. Label each fruit sample with drying method used and date.

Class 1501. Unit 1 - Poster to which two (2) samples of different fruit leathers are attached. Each sample should be in a small plastic bag (for display purposes only) and should contain a strip or square of fruit leather approximately 16 square inches (4" x 4" or 2" x 8"). Label each fruit leather with drying method used and date.

Unit II - Boiling Water Bath Canning/Drying Vegetables (project # 07405)

Class 1506. One (1) jar Pickle Relish

Class 1507. One (1) jar Bread & Butter Pickles

Class 1508. One (1) jar Fresh Pack Dill Pickles

Class 1509. One (1) jar Tomatoes, in juice

Class 1510. One (1) jar Tomato Salsa

Class 1511. One (1) jar Peaches, Apricots, Nectarines or Pears

- Class 1512. One (1) jar Berries
- Class 1513. One (1) jar Cherries
- Class 1514. One (1) jar Any variety jelly*
- Class 1515. One (1) jar Any variety jam*
- Class 1516. One (1) jar no sugar jam or jelly*

Unit III - Pressure Canning (project #07407)

- Class 1517. One (1) jar canned Green Beans
- Class 1518. One (1) jar Chile Peppers
- Class 1519. One (1) jar corn, Whole Kernel
- Class 1520. One (1) jar Carrots
- Class 1521. One (1) jar Green Peas
- Class 1522. One (1) jar Spaghetti Sauce without meat
- Class 1523. One (1) jar Dried Beans or Peas

Unit IV - Jams and Jellies (project #07407)

- Class 1518. Unit 4 One (1) variety of jelly
- Class 1519. Unit 4 One (1) variety of jam
- Class 1520. Unit 4 One (1) variety of preserves
- Class 1521. Self-Determined Food Preservation exhibit involving food preservation, food storage or food conservation including copy of Self - Determined Record Form #100.SD-1 (project 07499)

Consumer Education & Home Management

Housing and Interior Design - Unit I (project #07501)

- Class 1600. Stenciled item
- Class 1601. Framed fabric
- Class 1602. Simple covered can
- Class 1603. Advanced covered can
- Class 1604. Mini-tack board
- Class 1605. Mounted poster
- Class 1606. Covered box
- Class 1607. Covered brick doorstep/bookends
- Class 1608. Article for Living Room – with an 8 ½” x 11 sheet detailing techniques used, skills learned and purpose of item
- Class 1609. Article for Bedroom - with an 8 ½” x 11 sheet detailing techniques used, skills learned and purpose of item

- Class 1610. Article for Kitchen - with an 8 ½" x 11 sheet detailing techniques used, skills learned and purpose of item
- Class 1611. Article for Bathroom - with an 8 ½" x 11 sheet detailing techniques used, skills learned and purpose of item
- Class 1612. Article for Specialty Room - with an 8 ½" x 11 sheet detailing techniques used, skills learned and purpose of item
- Class 1613. Self-Determined Advanced Housing/Interior Design exhibit including Self-Determined Record Form #100.SD-1 (project #07509)

Consumer Education

- Class 1700. Consumer Savvy Level I Exhibit (project #7551)
- Class 1701. Consumer Savvy Level II Exhibit (project #7552)
- Class 1702. Consumer Savvy Level III Exhibit (project #7553)
- Class 1703. Self-Determined Consumer Education Exhibit including Self-Determined Record Form #100.SD-1 (project #7559)

Arts & Crafts

- Class 1800. Self-Determined Arts exhibit including Self-Determined Record Form #100.SD-1 (project #07659)
*items such as paintings, sketches, sculpture, etc.
- Class 1801. Self-Determined Crafts exhibit including Self-Determined Record Form #100.SD-1 (project #07659)
*other handmade crafts items not appropriate in any other category

Family Life

Understanding Preschool Children

(Project #07601)

- Class 1900. Poster showing safe and unsafe toys for young children
- Class 1901. Poster showing what member learned about young children

Generation Celebration

(Project #07603)

- Class 1902. Photo poster of an experience with an older friend
- Class 1903. Story told by an older person, recorded or written with illustrations by a 4-H member
- Class 1904. Completed project book

Class 1905. Self-Determined Family Life exhibit including Self-Determined Record Form #100.SD-1 (project #07609)