

2025-2026 El Paso County 4-H Projects

Juniors 8-10 years

Intermediates 11-13 years

Seniors 14-18 years

All projects may be taken by Jr., Int., and Sr. members unless otherwise indicated by (*).

Curriculum names are in italics and may not reflect actual exhibit requirements.

For more info go to:

<https://co4h.colostate.edu/colorado-4-h-project-information/>

Additional Projects Offered in El Paso County

** Projects highlighted in green are County Level projects, and are NOT eligible to advance to State level competition.

Animal Projects:

Beef

Breeding Beef

Market Beef

Beef Resource Handbook

Breeding Beef Supplement

Camelid (Llama/Alpaca)

Llama and Alpaca Resource Handbook

Cats

Cavy (Guinea Pig)

Cavy Resource Handbook

Dairy Cattle

Dairy Resource Handbook

Dog

Dog Resource Handbook

Obedience, Rally, Showmanship Supplements

Goats

Breeding, Market, Dairy, **Pygmy**

Goat Resource Handbook

Horse

Miniature Horse

Donkey/Mule

4-H Horse Project

Horse Show Rulebook

and more at Colorado4h.org

Pocket Pets

Poultry

Breeding Chickens, Market Chickens, Show Birds, Breeding Turkeys, Market Turkeys,

Duck, Geese, Pigeons, Game Birds

Poultry Resource Handbook

and more at Colorado4h.org

Rabbit

Breeding/Show

Market

Companion (Pet)

Rabbit Resource Handbook for Breeding, Market, and Pet Rabbit Projects and more at Colorado4h.org

Sheep

Breeding Sheep

Market Sheep

Sheep Resource Handbook for Market & Breeding Projects, Ewe Supplement

Swine

Breeding Swine

Market Swine

Swine Resource Handbook for Market & Breeding Projects, Sow Supplement

Animal Science Projects:

Cats

Unit 1 – *Purr-fect Pals*

Unit 2 – *Climbing Up*

Unit 3 – *Leaping Forward*

Cat Helper's Guide

Horseless Horse

4-H Horse Project

Unit 1 – *Making Horse Sense*

Unit 2 – *Hooves, Health & Horsemanship*

Unit 3 – *Breaking Ground*

Unit 4 – *Brushing Up on Horses*

Pocket Pets

Unit 1- *Pet Pals*

Unit 2 -*Scurry Ahead*

Unit 3- *Scaling the Heights*

Veterinary Science

Unit 1 – *From Airedales to Zebras*

Unit 2 – *All Systems Go!*

Unit 3 – *On the Cutting Edge*

Vet Science Helper's Guide

Communication, Arts & Leisure Sciences Projects:

Ceramics

Unit 1 – *Glazes*

Unit 2 – *Underglazes*

Unit 3 – *Overglazes*

Unit 4 – *Unfired Finishes*

Unit 5 – *Porcelain Dolls*

Unit 6 – *Hand-Constructed with Stone or Earthenware*

Ceramics All Units

Filmmaking

Animation, Narrative, Documentary,

Promotional, Voices of 4-H History

4-H Filmmaking Workshop DVD

Movie Magic

Global Citizenship

Study of Another Country

Hosting a Delegate from Another Country

*Exchange Delegate to Another Country
(Int./Sr.)

Global Citizenship

Leadership*

**Leadership Skills You Never Outgrow (Jr Only)*

**Leadership Road Trip (Int./Sr.)*

**Put Leadership to Practice/Club Leadership 1 (Int./Sr.)*

**Refining Leadership Skills/Club Leadership 2 (Sr.)*

**Community Service Project/My Hands to Larger Service (Sr.)*

Leathercraft

Unit 1 - Introduction to Leathercraft and Creative Stamping

Unit 2 - Beginning Leather Carving

Unit 3 - Intermediate Leather Carving

Unit 4 - Advanced Leather Carving

Unit 5 - Advanced Stamping

Unit 6 - Sewing Leather

Unit 7 - Braiding and Un-tooled Leather

Unit 8 - Master Leathercraft

Unit 9 - Making and Rebuilding Saddles

4-H Leathercraft Manual, Project Guide,

16 Instructional Videos

Updated Leader Guide-Coming Soon

Photography*

Unit 1 – *Photography Basics*

Unit 2 – *Photography Basics (2nd Year)*

Unit 3 – *Next Level Photography*

Unit 4 – *Mastering Photography*

Unit 5 – *Low Light Photography*

*Unit 6 – *Advanced Photography (Int./Sr.) Supplement, Field Guide*

Scrapbooking

One Page Layout, Two Page Layout, Album,

*Tag Making (Jr.), and *Card Making

(Int./Sr.)

Scrapbooking

Visual Arts

Portfolio Pathways – Painting and Printing

Portfolio Pathways – Graphic Design

Sketchbook Crossroads – Drawing

Sketchbook Crossroads – Fiber and Sculpture

Family Consumer Science Projects:

Artistic Clothing

Upcycle Your Style (Applied, Stitched, Combination Design)

Recycled Clothing

Creative Sewing (Costumes, Other Items)

**Buymanship (Int./Sr.)*

**Create Your Own (Int./Sr.)*

STEAM Activity-Beyond the Needle

Optional Weartec manuals available

2025-2026 El Paso County 4-H Projects

Cake Decorating*

- Unit 1 – Edible Cake Decorating
- Unit 2 – Single Layered Cake
- Unit 3 – Two Layered Cake with Tips
- Cake Decorating, Units 1-3*
- Unit 4 – Character Cakes
- Unit 5 – Small Treats (multiple classes)
- Unit 6 – Cut-Up Cakes
- Cake Decorating, Units 4-6*
- *Unit 7 – Flat Surface & Nail Flowers (Int./Sr.)
- *Unit 8 – Fondant (Int./Sr.)
- *Unit 9 – Lily Nail Flowers (Int./Sr.)
- Cake Decorating, Units 7-9*
- *Unit 10 – Tiered Cakes (Sr. only)
- *Unit 11 – Molds (Sr. only)
- *Unit 12 – Create Your Own (Sr. only)
- Cake Decorating, Units 10-12*

Clothing Construction

- Unit 1 – STEAM Clothing 1 FUNDamentals (Jr./Int./Sr.)
- Unit 2 – STEAM Clothing 2 Simply Sewing (Jr./Int./Sr.)
- *Unit 3 – STEAM Clothing 3 A Stitch Further, 4-H Textile Experiments (Int./Sr.)
- Unit 4 – Sewing for Others (Jr./Int./Sr.)

Foods and Nutrition

- Unit 1 – Cooking 101
- Unit 2 – Cooking 201
- Unit 3 – Cooking 301
- Unit 4 – Cooking 401
- 4-H Cooking Helper's Guide*
- Specialty Foods**
- Unit 5 – Outdoor Cooking & Living
- *Unit 6 – Cultural and Ethnic Foods (Int./Sr.)
- *Unit 7 – Passport to Foreign Cookery (Int./Sr.)

Food Preservation

- Unit 1 – Drying
- Unit 2 – Freezing
- Unit 3 – Boiling Water Canning
- *Unit 4 – Pressure Canning (Int./Sr.)

Heritage Arts

- Crochet Units 1-3 The 4-H Crochet Handbook*
- Knitting Units 1-3 The 4-H Knitting Handbook*
- Misc. Fiber (Needle Arts, Weaving, Spinning, Felted Bags, Batiked Fabric, Hooked Pillows, *Ethnic Arts, Rug Making, Macramé, etc.*)
- Misc. Non-Fiber (Beading, Silver Smithing, Paper Scrolling, etc.)
- Quilting – Unit 1 *You Can Quilt*
- Quilting – Units 2-6 *Quilting the Best Better*

Home Design & Décor

- Unit 1
- Unit 2
- Unit 3
- Unit 4

Mechanical Sciences Projects:

Computer Science

- Discovering Computer Science & Programming Through Scratch Level 1*
- Level 1 Facilitator Guide*
- **Discovering Computer Science & Programming Through Scratch Level 2 (Int./Sr.)*
- **Discovering Computer Science & Programming Through Scratch Level 3 (Int./Sr.)*
- **Computer Science and Coding (Int./Sr.)*

Electricity

- Unit 1 – *Magic of Electricity*
- Unit 2 – *Investigating Electricity*
- Unit 3 – *Wired for Power*
- *Unit 4 – *Entering Electronics (*Sr. Advanced)*
- Electric Group Helper's Guide*

Metalworking

- Unit 1 – *Introduction to Welding*
- Unit 2 – *Metal Fabrication*
- Unit 3 – *Advanced Metal Fabrication*
- Unit 4 – *Large Exhibit Fabrication*
- Arcs & Sparks, Units 1-3*

Model Rocketry

- Unit 1 – *Introduction to Model Rocketry*
- Unit 2 – *Construction & Flight of Model Rockets*
- Unit 3 – *Intermediate*
- Unit 4 – *Advanced*
- *Unit 6 – *Designer (Int./Sr.)*

Robotics & Engineering

- Unit 1 – *Give Robots a Hand*
- Unit 2 – *Robots on the Move*
- Unit 3 – *Mechatronics*
- Unit 4 – *Robotics Platforms Beginners*
- Unit 5 – *Robotics Platforms Intermediate*
- Unit 6 – *Robotics Platforms Advanced*
- Unit 7 – *Team Robotics*
- Youth Robotics Notebook*
- Robotics with EV3*

Small Engines

- Unit 1 – *Crank It Up*
- Unit 2 – *Warm It Up*
- Unit 3 – *Tune It Up*
- *Unit 4 – *Advanced Engines—Self-Determined (Int./Sr.)*

Small Engines Helper's Guide

Woodworking

- Unit 1 – *Measuring Up*
- Unit 2 – *Making the Cut*
- Unit 3 – *Nailing It Together*
- Unit 4 – *Finishing Up*
- Woodworking Wonders Helper's Guide*

Natural Resources Projects:

Beekeeping

- Unit 1 – *Beekeeping Division 1*
- Unit 2 – *Beekeeping Division 2*
- Unit 3 – *Beekeeping Division 3*
- *Unit 4 – *Advanced Beekeeping (Int./Sr.)*

Entomology

- Teaming with Insects – Level 1*
- Teaming with Insects – Level 2*
- Teaming with Insects – Level 3*
- Teaming with Insects Facilitator's Guide*

Gardening

- Unit 1 – *See Them Sprout*
- Unit 2 – *Let's Get Growing!*
- Unit 3 – *Take Your Pick*
- *Unit 4 (Sr. only) – *Growing Profits*
- Gardening Helper's Guide*

Outdoor Adventures

- Unit 1 – *Hiking Trails*
- Unit 2 – *Camping Adventures*
- Unit 3 – *Backpacking Expeditions*
- Outdoor Adventure Helper's Guide*

Shooting Sports

- Air Rifle
- Archery – *Basic Archery*
- .22 Rifle – *4-H Rifle*
- .22 Pistol – *4-H Pistol*
- Shotgun – *4-H Shotgun*
- Muzzleloading
- Air Pistol
- Outdoor Skills
- Western Heritage – *4-H Western Heritage Project*

Sportfishing

- Unit 1 – *Take the Bait*
- Unit 2 – *Reel in the Fun*
- Unit 3 – *Cast into the Future*
- Sportfishing Helper's Guide*

Wildlife

- Unit 1 – *The Worth of Wild Roots*
- Unit 2 – *Living Wild in an Ecosystem*
- Unit 3 – *Managing in a World with You and Me*
- Wildlife Stand Alone

Supplemental:

Self-Determined

- Self Determined: Canine Good Citizen**
- Self Determined: Independent Project**
- Self-Determined: Pet Pig**

Cloverbuds (Ages 5-7 Years):

- Cloverbuds: A 4-H Discovery Program for 6-8 Year Olds, Healthy Me!*
- Cloverbuds Activity Package*

Colorado State University, U.S. Department of Agriculture and Colorado counties cooperating. To simplify technical terminology, trade names or products and equipment occasionally will be used. No endorsement of product names is intended nor is criticism implied of products not mentioned.

Colorado State University Extension is an equal opportunity provider. Colorado State University does not discriminate on the basis of disability and is committed to providing reasonable accommodations. CSU's Office of Engagement and Extension ensures meaningful access and equal opportunities to participate to individuals whose first language is not English. <https://col.st/0WMJA>

Colorado State University Extension es un proveedor que ofrece igualdad de oportunidades. Colorado State University no discrimina por motivos de discapacidad y se compromete a proporcionar adaptaciones razonables. Office of Engagement and Extension de CSU garantiza acceso significativo e igualdad de oportunidades para participar a las personas quienes su primer idioma no es el inglés. <https://col.st/0WMJA>