

# 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](http://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](http://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* (2<sup>nd</sup> 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*

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