



## Juniors 8-10 yrs.

## Intermediates 11-13 yrs.

## Seniors 14+

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

**New & Renamed state projects highlighted in yellow**

**Additional Projects offered in El Paso County**

## Dog Project

Dog

## Horse Project

Horse

Miniature Horse/Donkey/Mule

## Livestock Projects

### Beef

Breeding Beef  
Market Beef

### Goats

Breeding Goat  
Market Goat

Dairy Goat

Pygmy Goat

Utility Goat

### Sheep

Breeding Sheep  
Market Sheep

### Swine

Breeding Swine  
Market Swine

## Shooting Sports Projects

Air Rifle

Archery

Caliber Rifle (.22)

.22 Pistol

Shotgun

Muzzleloading

Air Pistol

## Small Animal Projects

### Cat

Unit 1 – Purr-fect Pals

Unit 2 – Climbing Up

Unit 3 – Leaping Forward

**Cavy (Guinea Pig)**

**Llama/Alpaca**

### Pocket Pets

Unit 1 – Pet Pals

Unit 2 – Scurry Ahead

Unit 3 – Scaling the Heights

## Poultry

Market Chickens

Showbirds

Market Turkeys

Duck

Geese

Fowl Turkey Breeding

Pigeons and Gamebirds

## Rabbits

Breeding/Show Rabbits

Market Rabbit

Companion Rabbits

## General Projects: STEM - Creative - Family & Consumer Science

### Veterinary Science

Unit 1– From Airedales to Zebras

Unit 2 – All Systems Go

Unit 3 – On the Cutting Edge

### Horseless Horse

Unit 1 – Horseless Horse

Unit 2 – Horseless Horse

Unit 3 – Horseless Horse

Unit 4 – Horseless Horse

### Gardening

Unit 1 – See Them Sprout

Unit 2 – Let's Get Growing

Unit 3 – Take Your Pick

\*Unit 4 (Sr. only) – Growing Profits

### Computer Power Unlimited Series

Discovering Computer Science & Programming Through Scratch

Level 1

Level 2

Level 3

\*Computers in the 21<sup>st</sup> Century

### Electric

Unit 1 – Magic of Electricity

Unit 2 – Investigating Electricity

Unit 3 – Wired for Power

\*Unit 4 (Sr. only) – Advanced Electronics

### Model Rocketry

Unit 1 – Introduction

Unit 2 – Basic

Unit 3 – Intermediate

Unit 4 – Advanced

Unit 6 – Designer

### Small Engines

Unit 1 – Crank It Up

Unit 2 – Warm It Up

Unit 3 – Tune It Up

Unit 4 -- Adv Small Eng.—Self-Determined

### Robotics

Unit 1 – Give Robots a Hand

Unit 2 – Robots on the Move

Unit 3 – Mechatronics

Unit 4 – Robotics Platform Beginners

Unit 5 – Robotics Platform Intermediate

Unit 6 – Robotics Platform Advanced

Unit 7 – Team Robotics

## Entomology

Teaming with Insects – Level 1

Teaming with Insects - Level 2

Teaming with Insects – Level 3

## Beekeeping

Beekeeping Unit 1

Beekeeping Unit 2

Beekeeping Unit 3

\*Adv. Beekeeping Unit 4, Int./Sr. Only

## Outdoor Adventure

Leader

Member

Unit 1 – Hiking Trails

Unit 2 – Camping Adventures

Unit 3 – Backpacking Expeditions

## Sportfishing

Unit 1 – Take the Bait

Unit 2 – Reel in the Fun

Unit 3 – Cast into the Future

## Wildlife Conservation

Unit 1 – The Worth of Wild Roots

Unit 2 – Living Wild in an Ecosystem

Unit 3 – Managing in a World with You & Me

## Ceramics

Unit 1 – Glazes

Unit 2 – Underglazes

Unit 3 – Overglazes

Unit 4 – Unfired Finishes

Unit 5 – Porcelain Dolls

Unit 6 – Hand-Constructed w/ Stoneware

## Global Citizenship

Study of Another Country

Hosting a Delegate from Another Country

\*Youth Counselor (Int./Sr.)

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

## Leadership

\*Leadership Skills You Never Outgrow (Jr Only)

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

\*Put Leadership to Practice (Int./Sr.)

\*Refining Leadership Skills (Sr.)

\*Community Service Project (Sr.)

## Leathercraft

Unit 1 – Intro Leathercraft & Creative Stamping

Unit 2 – Beginning Leather Carving

Unit 3 – Intermediate Leather Carving

Unit 4 – Advanced Stamping

Unit 5 – Advanced Leather Carving

Unit 6 – Sewing Leather

Unit 7 – Braiding and Untooled Leather

Unit 8 – Master Leathercraft

Unit 9 – Making and Rebuilding Saddles

## Photography

Unit 1- Photography Level 1

Unit 2- Photography Level 2

Unit 3- Photography Level 3

Unit 4 – Lightning Photography

Unit 6 – Advanced Photography



## 4-H Filmmaking

**Scrapbooking**  
Scrapbooking 101

## Woodworking

Unit 1 – Measuring Up  
Unit 2 – Making the Cut  
Unit 3 – Nailing It Together  
Unit 4 – Finishing Up

## Welding

## Visual Arts

Portfolio Pathways  
Sketchbook Crossroads

## Cake Decorating

Unit 1 Edible Decorations  
Unit 2 Single Layer Decorating with Tips  
Unit 3 Double Layer Decorating with Tips  
Unit 4 Character Cakes  
Unit 5 Small Treats  
Unit 6 Cut-Up Cakes  
\*Unit 7 Flower Power (Int./Sr.)  
\*Unit 8 Fondant (Int./Sr.)  
\*Unit 9 Flower Power (Int./Sr.)  
\*Unit 10 Tiered Cakes (Sr. only)  
\*Unit 11 Molds (Sr. only)  
\*Unit 12 Advanced Cake Decorating (Sr. only)

## Clothing Construction

Unit 1 – Clothing Construction STEAM 1 (Jr./Int./Sr.)  
Unit 2 – Clothing Construction STEAM 2 (Jr./Int./Sr.)  
Unit 3 – Clothing Construction STEAM 3 (Int./Sr.)  
Unit 7 – Sewing for Others (Jr./Int./Sr.)  
Unit 8 – Recycled Clothing (Jr./Int./Sr.)

## Artistic Clothing

Upcycle Your Style  
Unit 5 – Creative Sewing  
\*Unit 7 (Int./Sr.) – Create Your Own Buymanship Project – online only

## Foods and Nutrition

Unit 1 – Cooking 101  
Unit 2 – Cooking 201  
Unit 3 – Cooking 301  
Unit 4 – Cooking 401

## Specialty Foods

Unit 25 – Outdoor Cooking & Living  
\*Unit 30 (Int./Sr.) – Cultural and Ethnic Foods  
\*Unit 35 (Int./Sr.) – Passport to Foreign Cookery

## Food Preservation

Unit 40 – Drying  
Unit 41 – Freezing  
Unit 42 – Boiling Water Canning  
\*Unit 43 – Pressure Canning (Int./Sr.)

## Heritage Arts

Crochet  
Knitting  
Quilting – Units 1-4  
Misc. Fiber (Macramé, Rug Making, Spinning & Weaving, Needle Arts)  
Misc. Non-Fiber

## Home Design & Décor

Unit 1  
Unit 2  
Unit 3  
Unit 4

## Self-Determined:

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

## Cloverbuds (ages 5-7)

Cloverbuds

Colorado 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/0WVWJA>

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 quines su primer idioma no es el ingles.  
<https://col.st/0WVWJA>