



MORGAN COUNTY
COLORADO STATE UNIVERSITY
EXTENSION

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2025-2026

State 4-H Projects

For more info:
www.colorado4h.org

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

Livestock Projects:

Beef
Breeding Beef
Market Beef

Dairy Cows
Member

Goats
Breeding Goats*
Dairy Goats
Market Goats

Fowl -Poultry
Breeding Chickens
Market Chickens
Breeding Duck
Market Duck
Breeding Geese
Market Geese
Breeding Turkeys
Market Turkeys

Rabbits
Breeding Rabbits
Market Rabbit

Sheep
Breeding Sheep
Market Sheep

Swine
Breeding Swine
Market Swine

Horse
Member

*includes dairy, pygmy, angora,
cashmere, etc.

Animal Science Projects:

Cat
Unit 1 – Purr-fect Pals
Unit 2 – Climbing Up
Unit 3 – Leaping Forward

Dog
Obedience
Rally
Showmanship

Horseless Horse
Unit 1 – Making Horse Sense
Unit 2 – Hooves, Health &
Horsemanship
Unit 3 – Breaking Ground
Unit 4 – Brushing Up on Horses

Veterinary Science
Unit 1 - From Airedales to Zebras
Unit 2 - All Systems Go!
Unit 3 - On the Cutting Edge

**Communication, Arts &
Leisure Science Projects:**

Ceramics
Unit 1 - Hand-Constructed w/
Stone or Earthenware
Unit 2 – Slab & Coil Constructed w/
Stone or Earthenware
Unit 3 - Underglazes
Unit 4 - Unfired Finishes
Unit 5 – Mixed Glazes
Unit 6 - Overglazes
Unit 7 – Sculpture
Unit 8 – Wheel Throwing
Unit 9 – Production Molds

Filmmaking
Animation, Narrative, Documentary,
Promotional, Voices of 4-H History

Global Citizenship
Study of another Country
Hosting a Delegate from another
Country
*Exchange Delegate to Another
Country (Int./Sr.)

Leadership
*Leadership Skill 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 - Intro 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

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.)
Unit 7 – Advanced Photo Editing

Scrapbooking
One Page Layout, Two Page Layout,
Album, *Tag Making (Jr.), and * Card
Making (Int./Sr.)

Visual Arts
Portfolio Pathways-Painting & Printing
Portfolio Pathways-Graphic Design
Sketchbook Crossroads-Drawing
Sketchbook Crossroads-Fiber &
Sculpture

Family Consumer Science Projects:

Artistic Clothing
Upcycle Your Style (Applied, Stitched,
Combination Design)
Recycled Clothing
Creative Sewing (Costumes, Other
Items)
*Buymanship Project (Int./Sr.)
*Create Your Own (Int./Sr.)

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

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

Foods and Nutrition
Unit 1 - Cooking 101
Unit 2 - Cooking 201
Unit 3 - Cooking 301
Unit 4 - Cooking 401

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
Knitting Units 1-3
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
Quilting – Units 2-6

Home Design & Décor
Unit 1
Unit 2
Unit 3
Unit 4

Mechanical Sciences Projects:

Computer Science
Discovering Computer Science &
Programming Through Scratch Level 1
*Discovering Computer Science &
Programming Through Scratch Level 2
(Int./Sr.)
*Discovering Computer Science &
Programming Through Scratch Level 3
(Int./Sr.)
*Computers 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.)

Metalworking
Unit1 – Introduction to Welding
Unit 2 – Metal Fabrication
Unit 3 – Advanced Metal Fabrication
Unit 4 – Large Exhibit Fabrication

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

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

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.)

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

Natural Resources Projects:

Beekeeping

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

Entomology

- Teaming with Insects - Level 1
- Teaming with Insects - Level 2
- Teaming with Insects - Level 3

Gardening

- Unit 1 - See Them Sprout
- Unit 2 - Let's Get Growing
- Unit 3 - Take Your Pick
- *Unit 4 - Growing Profits (Sr.)

Outdoor Adventure

- Unit 1 - Hiking Trails
- Unit 2 - Camping Adventures
- Unit 3 - Backpacking Expeditions

Shooting Sports

- *.22 Pistol (age restriction)
- .22 Rifle
- Air Pistol
- Air Rifle
- Archery
- Muzzleloading
- Shotgun

Sportfishing

- Unit 1 - Take the Bait
- Unit 2 - Reel in the Fun
- Unit 3 - Cast into the Future

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

Supplemental:

Self-Determined

Discuss your ideas and interests with the County 4-H Agents.

Cloverbuds (5-7 year olds)

Member

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