

2025-2026 Douglas County 4-H Project List



Colorado State University
EXTENSION

Cloverbuds: Ages 5-7

Juniors: Ages 8-10

Ages as of December 31, 2025

Alpaca/Llama

Beef

Breeding Beef

Market Beef

Dairy Cattle

Cat

Show Cats

Unit 1 – Purr-fect Pals

Unit 2 – Climbing Up

Unit 3 – Leaping Forward

Dog

Showmanship, Obedience, Rally, Agility

Goat

*Breeding Goat

Market Goat

Dairy Goats

Horse

Large and Miniature Equine

Poultry

Market Chickens

Fowl - Showbirds

Breeding Turkeys

Market Turkeys

Duck

Geese

Pigeons/Game Birds

Rabbits

Breeding Rabbits/Show

Market Rabbit

Companion Rabbits

Sheep

Breeding Sheep

Market Sheep

Swine

Breeding Swine

Market Swine

Intermediate: Ages 11-13

Seniors: Ages 14-18

All projects may be taken by Junior, Intermediate, or Senior members unless otherwise indicated by an asterisk (*).

Animal Science General Projects:

Veterinary Science

Unit 1 – From Airedales to Zebras

Unit 2 – All Systems Go

Unit 3 – On the Cutting Edge

Horseless Horse

Unit 1 – Making Horse Sense

Unit 2 – Hooves, Health &

Horsemanship

Unit 3 – Breaking Ground

Unit 4 – Brushing Up on Horses

Communication, Arts & Leisure Sciences:

Ceramics

Unit 1 – Hand

Constructed

Unit 2 – Slab and Coil Constructed

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

Unit 1 - Study of Another Country

Unit 2 - Hosting a Delegate from Another country

Unit 3 - Exchange Delegate to Another Country

(Int./Sr.)

Unit 4 - Global Challenges

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.)

Scrapbooking

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

Leathercraft

Unit 1 – Intro Leathercraft/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 & 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.)

Visual Arts

Portfolio Pathways-Painting and 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 (Int./Sr.)

*Create Your Own (Int./Sr.)

Cake Decorating

Unit 1 - Edible Decorations

Unit 2 - Single Layered Cake

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)

<p>Clothing Construction Unit 1 - STEAM Clothing 1 FUNDamentals Unit 2 - STEAM Clothing 2 Simply Sewing *Unit 3 - STEAM Clothing 3 A Stitch Further, 4-H Textile Experiments (Int./Sr.) Unit 4 - Sewing for Others</p> <p>Foods and Nutrition Unit 1 - Cooking 101 Unit 2 - Cooking 201 Unit 3 - Cooking 301 Unit 4 - Cooking 401</p> <p>Specialty Foods Unit 5 - Outdoor Cooking & Living *Unit 6 - Cultural and Ethnic Foods (Int/Sr) *Unit 7 - Passport to Foreign Cookery (Int/Sr)</p> <p>Food Preservation Unit 1 - Freezing Unit 2 - Drying (New: Now including Freeze Drying) Unit 3 - Boiling Water Canning *Unit 4 - Pressure Canning (Int./Sr.)</p> <p>Heritage Arts Crochet Units 1-3 <i>The 4-H Crochet Handbook</i> Knitting Units 1-3 <i>The 4-H Knitting Handbook</i> Misc. Fiber (Needle Arts, Weaving, Spinning, Hooked Pillows, Ethnic Arts, Rug Making, Macramé, etc.) Misc. Non-Fiber (Beading, Silver Smithing, Paper Scrolling, etc.) Quilting - Units 1 <i>You Can Quilt</i> Quilting - Units 2-6 <i>Quilting the Best Better</i></p> <p>Home Design & Décor Unit 1 Unit 2 Unit 3 Unit 4</p> <p>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) *Computer Science and Coding (Int/Sr)</p>	<p>Electricity Unit 1 - Magic of Electricity Unit 2 - Investigating Electricity Unit 3 - Wired for Power *Unit 4 - Entering Electronics (Sr. Advanced)</p> <p>Metalworking Unit 1 - Introduction to Welding Unit 2 - Metal Fabrication Unit 3 - Advanced Metal Fabrication Unit 4 - Large Exhibit Fabrication</p> <p>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.)</p> <p>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</p> <p>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)</p> <p>Woodworking Unit 1 - Measuring Up Unit 2 - Making the Cut Unit 3 - Nailing It Together Unit 4 - Finishing Up</p> <p>Natural Resources Projects: Beekeeping Beekeeping Unit 1 Beekeeping Unit 2 Beekeeping Unit 3 *Advanced Beekeeping Unit 4 (Int/Sr)</p> <p>Entomology Teaming with Insects - Level 1 Teaming with Insects - Level 2 Teaming with Insects - Level 3</p>	<p>Gardening Unit 1 - See Them Sprout Unit 2 - Let's Get Growing! Unit 3 - Take Your Pick *Unit 4 - Growing Profits (Sr. Only)</p> <p>Outdoor Adventure Unit 1 - Hiking Trails Unit 2 - Camping Adventures Unit 3 - Backpacking Expeditions</p> <p>Shooting Sports Air Rifle Archery .22 Rifle .22 Pistol Shotgun Muzzleloading Air Pistol Outdoor Skills Western Heritage</p> <p>Sportfishing Unit 1 - Take the Bait Unit 2 - Reel in the Fun Unit 3 - Cast into the Future</p> <p>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 Standalone</p> <p>Cloverbuds <i>4-H Discovery Program for ages 5-7</i></p> <p>Douglas County Projects and Activities (Not Eligible for State)</p> <p>County Projects - Self-Determined - Design your own project. Any project that is not offered by 4-H: Astronomy, cavy, pocket pets, animal science, dinosaurs, jewelry, etc.</p>