

# 2023-2024 Douglas County 4-H Project List



**Colorado State University**  
EXTENSION

**Cloverbuds:** Ages 5-7

**Juniors:** Ages 8-10

**Ages as of December 31, 2023**

## Beef

Leader/Member  
Breeding Beef  
Market Beef

## Cat

Leader/Member  
Unit 1 – Purr-fect Pals  
Unit 2 – Climbing Up  
Unit 3 – Leaping Forward

## Dog

Leader/Member

## Goat

Leader/Member  
Breeding Goat\*  
Market Goat

## Horse

Leader/Member

## Miniature Horse

Leader/Member

## Poultry

Leader/Member  
Breeding Chickens  
Market Chickens  
Fowl - Showbirds  
Breeding Turkeys  
Market Turkeys  
Duck  
Geese

## Rabbits

Leader/Member  
Breeding Rabbits/Show  
Market Rabbit  
Companion Rabbits

## Sheep

Leader/Member  
Breeding Sheep  
Market Sheep

## Swine

Leader/Member  
Breeding Swine  
Market Swine

**Intermediate:** Ages 11-13

**Seniors:** Ages 14-18

## Animal Science General Projects:

### Veterinary Science

Leader/Member  
Unit 1 – From Airedales to Zebras  
Unit 2 – All Systems Go  
Unit 3 – On the Cutting Edge

### Horseless Horse

Leader/Member  
Unit 1 – Making Horse Sense  
Unit 2 – Hooves, Health & Horsemanship  
Unit 3 – Breaking Ground  
Unit 4 – Brushing Up on Horse

## Communication, Arts & Leisure Sciences:

### 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

### 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  
\*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/Club Leadership 1 (Int./Sr.)  
\*Refining Leadership Skills/Club Leadership 2 (Sr.)  
\*Community Service Project/My Hands to Larger Service (Sr.)

Unit 1 – Crank It Up  
Unit 2 – Warm It Up  
Unit 3 – Tune It Up

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

## Robotics

Leader/Member  
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

Leader/Member  
Teaming with Insects – Level 1  
Teaming with Insects – Level 2  
Teaming with Insects – Level 3

## Beekeeping

Leader/Member  
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

Leader/Member  
Unit 1 – Take the Bait  
Unit 2 – Reel in the Fun  
Unit 3 – Cast into the Future

## Shooting Sports

Leader/Member  
Air Rifle  
Archery  
Caliber Rifle (.22)  
.22 Pistol  
Shotgun  
Muzzleloading  
Air Pistol  
Outdoor Skills  
Western Heritage

## Wildlife Conservation

Leader/Member  
Unit 1 – The Worth of Wild Roots  
Unit 2 – Living Wild in an Ecosystem

### Ceramics

Leader/Member  
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

Leader/Member  
Study of Another Country  
Hosting a Delegate from Another Country  
\*Youth Counselor (Int./Sr.)  
\*Exchange Delegate to Another Country (Int./Sr.)

### Leadership

Leader/Member  
\*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

Leader/Member  
Unit 1 – Intro Leathercraft/Stamping  
Unit 2 – Beginning Leather Carving  
Unit 3 – Intermediate Leather Carving  
Unit 4 – Advanced Leather Carving  
Unit 5 – Coloring and Shading  
Unit 6 – Pictorial Carving  
Unit 7 – Making and Rebuilding Saddles  
Unit 8 – Advanced Creative Stamping  
Unit 9 – Braiding and Untooled  
Unit 10 – Sewing Leather

### Photography

Leader/Member  
Unit 1 – Basics, Book 1  
Unit 2 – Next Level, Book 2  
Unit 3 – Mastering, Book 3  
Unit 4 – Lightning  
Unit 6 – Advanced

### 4-H Filmmaking

Leader/Member

### Scrapbooking

Leader/Member  
Scrapbooking 101

### Woodworking

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

### Welding

Leader/Member

### Visual Arts

Leader/Member  
Portfolio Pathways  
Sketchbook Crossroads

### Cake Decorating

Leader/Member  
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

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

### Artistic Clothing

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

### Foods and Nutrition

Leader/Member  
Unit 1 – Cooking 101  
Unit 2 – Cooking 201  
Unit 3 – Cooking 301  
Unit 4 – Cooking 401

### Specialty Foods

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

### Food Preservation

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

### Heritage Arts

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

### Home Design & Décor

Leader/Member  
Unit 1  
Unit 2  
Unit 3  
Unit 4

### Cloverbuds

*(4-H Discovery Program for ages 5-7)*  
Leader/Member

### Douglas County Projects and Activities *(Not Eligible for State)*

#### County Projects

- Alpaca/Llama
- Discovering 4-H
- Pocket Pets

#### Self-Determined

Design your own project - Any project that is not offered by 4-H: Astronomy, cavy, pocket pets, animal science, dinosaurs, jewelry, etc.

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