



2019-2020

## State 4-H Projects

For more info:  
[www.colorado4h.org](http://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 in green**

**Routt County - Projects with  
leaders/meetings highlighted in yellow**

**Routt County – Projects that are self-  
directed (no highlight)**

### Beef

Leader  
Member  
Breeding Beef  
Market Beef

### Dairy Cows

Leader  
Member

### Goats

Leader  
Member  
Breeding Goat\*  
Market Goat

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

### 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

### Horse

Leader  
Member

### Dog

Leader  
Member  
Guide Dog

### Cat

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

### 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 – Horseless Horse  
Unit 2 – Horseless Horse  
Unit 3 – Horseless Horse  
Unit 4 – Horseless Horse

### Gardening

Leader  
Member  
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

Leader  
Member  
Discovering Computer Science &  
Programming Through Scratch  
Level 1  
Level 2  
Level 3  
\*Computers in the 21<sup>st</sup> Century

### Electric

Leader  
Member  
Unit 1 – Magic of Electricity  
Unit 2 – Investigating Electricity  
Unit 3 – Wired for Power  
\*Unit 4 (Sr. only) – Advanced Electronics

### Model Rocketry

Leader  
Member  
Unit 1 – Introduction  
Unit 2 – Basic  
Unit 3 – Intermediate  
Unit 4 – Advanced  
Unit 6 – Designer

### Small Engines

Leader  
Member  
Unit 1 – Crank It Up  
Unit 2 – Warm It Up  
Unit 3 – Tune It Up  
Unit 4 – Adv Small Eng.—Self-Determined

### 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  
Unit 1 – Let's Learn About Insects  
Unit 2 – Learn More About Insects  
Unit 3 – Insect Habits & Control  
Unit 4 – Insect ID & Community Projects  
Unit 5 – Immature Insects/Life Stages  
Unit 6 – Exploring with Insects  
Unit 7 – Exploring w/ Insects, Advanced

### 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  
Unit 3 – Managing in a World with You and Me

## 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 – Focus on Photography  
Unit 2 – Controlling the Image  
Unit 3 – Mastering Photography  
Unit 4 – Lightning Photography  
Unit 6 – Advanced Photography

## 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

## 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 (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

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

## Foods and Nutrition

Leader – 4-H Cooking Helper's Guide  
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 (Macrame, Rug Making, Spinning & Weaving, Needle Arts)  
Misc. Non-Fiber

## Home Design & Décor

Leader  
Member  
Unit 1  
Unit 2  
Unit 3  
Unit 4

## Cloverbuds

Leader  
Member