



2021-2022

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 in yellow**

Animal Science Projects

Beef

Leader
Member
Breeding Beef
Market Beef

Dairy Cows

Leader
Member

Goats

Leader
Member
Breeding Market Goat
Market Goat
Dairy Goat

Poultry

Leader
Member
Breeding Chickens
Market Chickens
Breeding Turkeys
Market Turkeys
Duck
Geese
Pigeons

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

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

**Communications, Arts & Leisure
Sciences Projects**

4-H Filmmaking

Leader
Member

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
Global Citizenship (continued)
*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 – Photography Basics
Unit 2 – Photography Basics (Part 2)
Unit 3 – Next Level Photography
Unit 4 – Mastering Photography
Unit 5 – Lightning Photography
Unit 6 – Advanced Photography

Scrapbooking

Leader
Member
Scrapbooking 101

Visual Arts

Leader
Member
Portfolio Pathways
Sketchbook Crossroads

Family Consumer Sciences Projects

Artistic Clothing

Leader
Member
Upcycle Your Style
Unit 4 – Recycled Clothing
Unit 5 – Creative Sewing (Costumes, Other
items)
*Unit 6 – Buymanship (Int./Sr.)
*Unit 7 – Create Your Own (Int./Sr.)

Cake Decorating

Leader
Member
Unit 1 – Edible Decorations
Unit 2 – Single Layered Cake
Unit 3 – Two Layered Cake with Tips
Unit 4 – Character Cakes
Unit 5 – Small Treats
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

Leader
Member
Unit 1 – STEAM Clothing 1 (Jr./Int./Sr.)
Unit 2 – STEAM Clothing 2 (Jr./Int./Sr.)
Unit 3 – STEAM Clothing 3 (Int./Sr.)
Unit 4 – Sewing for Others (Jr./Int./Sr.)

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 5 – Outdoor Cooking & Living

*Unit 6 (Int./Sr.) – Cultural and Ethnic Foods

*Unit 7 (Int./Sr.) – Passport to Foreign

Cookery

Food Preservation

Leader

Member

Unit 1 – Drying

Unit 2 – Freezing

Unit 3 – Boiling Water Canning

*Unit 4 – Pressure Canning (Int./Sr.)

Heritage Arts

Leader

Member

Crochet

Knitting

Quilting – Units 1-4

Misc. Fiber (Needle Arts, Weaving, Spinning,

Felted Bags, Batiked Fabric, Hooked

Pillows, Ethnic Arts, Rug Making,

Macrame, etc.)

Misc. Non-Fiber (Beading, Silver Smiting,

Paper Scrolling, etc.)

Home Design & Décor

Leader

Member

Unit 1

Unit 2

Unit 3

Unit 4

Natural Resources Projects

Beekeeping

Unit 1 – Beekeeping

Unit 2 – Beekeeping

Unit 3 - Beekeeping

Entomology

Leader

Member

Teaming with Insects – Level 1

Teaming with Insects – Level 2

Teaming with Insects – Level 3

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

Outdoor Adventure

Leader

Member

Unit 1 – Hiking Trails

Unit 2 – Camping Adventures

Unit 3 – Backpacking Expeditions

Shooting Sports

Leader

Member

Air Pistol

Air Rifle

Archery

Caliber Rifle (.22)

.22 Pistol

Shotgun

Muzzleloading

Outdoor Skills

Western Heritage

Sportfishing

Leader

Member

Unit 1 – Take the Bait

Unit 2 – Reel in the Fun

Unit 3 – Cast into the Future

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

Mechanical Sciences Projects

Computer Power Unlimited Series

Leader

Member

Discovering Computer Science &

Programming through Scratch, Level 1

*Discovering Computer Science &

Programming through Scratch, Level 2

*Discovering Computer Science &

Programming through Scratch, Level 3

*Computers in the 21st Century

Electric

Leader

Member

Unit 1 – Magic of Electricity

Unit 2 – Investigating Electricity

Unit 3 – Wired for Power

*Unit 4 (Sr. only) – Advanced Electronics

Metalworking (Welding)

Leader

Member

Unit 1 – Introduction to Welding

Unit 2 – Metal Fabrication

Unit 3 – Advanced Metal Fabrication

Unit 4 – Advanced Metal Fabrication

(Large Projects)

Model Rocketry

Leader

Member

Unit 1 – Introduction

Unit 2 – Basic

Unit 3 – Intermediate

Unit 4 – Advanced

Unit 6 – Designer

Robotics & Engineering

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

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

Woodworking

Leader

Member

Unit 1 – Measuring Up

Unit 2 – Making the Cut

Unit 3 – Nailing It Together

Unit 4 – Finishing Up

Ages 5-7 Years

Cloverbuds

Leader

Member

County Project

Self-Determined