



2020-2021

State 4-H Projects

For more info:
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**

Beef

Leader
Member
Breeding Beef
Market Beef

Dairy Cows

Leader
Member

Goats

Leader
Member
Breeding Goat*
Market Goat

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

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 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

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
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
Unit 3 – Managing in a World with You
and Me

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



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 – Photography Level 1
Unit 2 – Photography Level 2
Unit 3 – Photography Level 3
Unit 4 – Lightening 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

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 (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
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 (Macramé, 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