



2021-2022 Project List

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, existing projects
with new manuals highlighted in
orange*

Beef

Leader
Member
Breeding Beef
Market Beef

Goats

Leader
Member
Breeding Goat*
*includes dairy, pygmy, angora,
cashmere, etc.
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 & 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

Entomology

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

Outdoor Adventure

Leader
Member
Unit 1 – Hiking Trails

Unit 2 – Camping Adventures
Unit 3 – Backpacking Expeditions

Beekeeping

Leader
Member
Beekeeping Unit 1
Beekeeping Unit 2
Beekeeping Unit 3
*Adv. Beekeeping Unit 4, Int./Sr. Only

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 – 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



**COLORADO STATE UNIVERSITY
EXTENSION**

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

Metalworking (Welding)

Unit 1 – Introduction to Welding
Unit 2 – Metal Fabrication
Unit 3 – Advanced Metal Fabrication
Unit 4 – Advanced Metal Fabrication (Large Projects)

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 – STEAM Clothing 1 FUNdamentals (Jr./Int./Sr.)
Unit 2 – STEAM Clothing 2 Simply Sewing (Jr./Int./Sr.)
*Unit 3 – STEAM Clothing 3 A Stitch Further,

4-H Textile Experiments (Int./Sr.)
Unit 4 – Sewing for Others (Jr./Int./Sr.)

Artistic Clothing

Leader
Member
Upcycle Your Style (Applied, Stitched, Combination Design)
Unit 4 - Recycled Clothing
Unit 5 - Creative Sewing (Costumes, Other Items)
***Unit 6 - Buymanship (Int./Sr.)**
***Unit 7 - Create Your Own (Int./Sr.)**

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
Needle Arts
Quilting – Units 1-4
Misc. Fiber (Macrame, Rug Making, Spinning & Weaving)
Misc. Non-Fiber

Home Design & Décor

Leader
Member
Unit 1
Unit 2
Unit 3
Unit 4

Cloverbuds

Leader
Member

County Only Projects

Arts & Crafts
Music I
Music II
Dance
Modelcraft Unit 1-5
R/C Cars
Collectibles

All county table top projects above will use General/FCS E-record Book

Pocket Pet
Pocket Pets use Companion E-Record

Cavy
Cavy project uses Companion E-Record + cavy supplement

County Project Manuals Are Available Online:
<https://adams.extension.colostate.edu/4-h-youth/4-h-county-project-resources/>

Enrollment Fees: \$40.00

Re-enrollments due Feb 1st

New Enrollments Due April 1st



Display For State Fair 4-H Exhibits

1. Display boards are made of lightweight cardboard and are sturdy, attractive, inexpensive and available at most local stores. They come in several colors. When opened, the 1-foot-wide winged sides provide a surface to help the exhibits stand alone on a table top. The standardized display board size of 4 ft. x 3 ft with sides that do not overlap is to be used for 4-H projects.

2. No headers or attachments are allowed on the display boards.

Tips:

- Boards must be easily read from a distance of three--five feet. Use large, bold letters (at least 3" high) for exhibit title or caption.
- Design the exhibit, keeping in mind the size and shape of the open show board (three surfaces, including the wings).
- When mounting items on the display board, avoid things that are bulky or heavy that could cause the display board to collapse. Mount items securely so they won't fall off. Tape will not work.
- You have three minutes only for the message to be read; be concise.
- Tell your story with visuals.
- Avoid putting too much in the exhibit. It should never have a crowded look.
- Dark lettering on a light background is most visible.
- Do not use headers or attachments on your display board.
- Binder/notebook as appropriate for project exhibits.
- No binders with slider closures will be allowed.

