

2023 – 2024 Arapahoe County 4-H Project List

STATE PROJECTS

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.)

Beef

Leader
Member
Breeding Beef
Market Beef

Beekeeping

Leader
Member
Unit 1 – Beekeeping Division 1
Unit 2 – Beekeeping Division 2
Unit 3 – Beekeeping Division 3
Unit 4 – Advanced Beekeeping (Int./Sr.)

Cake Decorating

Leader
Member
Unit 1 – Edible Cake Decorating
Unit 2 – Single Layered Cake
Unit 3 – Two Layered Cake w/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)

Cat

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

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/Stone or Earthenware

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.)

Cloverbuds

Leader
Member
AS – Animal Science
EA – Expressive Arts
HE – Home Economics
MS – Mechanical Science
NR – Natural Resources
PGD – Personal Growth & Development
PSS – Plant & Soil Science
ST – Science & Technology

Computer Science

Leader
Member
Discovering Computer Science & Programming Through Scratch
Level 1
Level 2 (Int./Sr.)
Level 3 (Int./Sr.)
Computer Science and Coding (Int./Sr.)

Dairy Cattle

Leader
Member

Dog

Leader
Member

Electricity

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

Entomology

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

Filmmaking

Leader
Member
Animation, Narrative, Documentary, Promotional, Voices of 4-H History

Foods and Nutrition

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

Foods & Nutrition: Specialty Foods

Leader
Member
Unit 5 – Outdoor Cooking & Living
Unit 6 – Cultural and Ethnic Foods (Int./Sr.)
Unit 7 – Passport to Foreign Cookery (Int./Sr.)

Food Preservation

Leader
Member
Unit 1 – Drying
Unit 2 – Freezing
Unit 3 – Boiling Water Canning
Unit 4 – Pressure Canning (Int./Sr.)

Gardening

Leader
Member
Unit 1 – See Them Sprout
Unit 2 – Let's Get Growing
Unit 3 – Take Your Pick
Unit 4 – Growing Profits (Sr. Only)

Global Citizenship

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

Goats

Leader
Member
Breeding Goat
Market Goat
Dairy Goat
Utility Goat

Heritage Arts

Leader
Member
Crochet *Units 1 – 3*
Knitting *Units 1 – 3*
Misc. Fiber (Needle Arts, Weaving, Spinning, Felted Bags, Batiked Fabric, Hooked Pillows, Ethnic Arts, Rug Making, Macrame, etc.)
Misc. Non-Fiber (Beading, Silver Smithing, Paper Scrolling, etc.)
Quilting – Unit 1 You Can Quilt
Quilting – Units 2 – 6 Quilting the Best Better

Home Design & Décor

Leader
Member
Unit 1
Unit 2
Unit 3
Unit 4

Horse

Leader
Member

Horseless Horse

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

Leadership

Leader
Member
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.)

Leathercraft

Leader
Member
*Unit 1 – Introduction to Leathercraft and Creative Stamping
*Unit 2 – Beginning Leather Carving
*Unit 3 – Intermediate Leather Carving
***Unit 4 – Advanced Leather Carving**
***Unit 5 – Advanced Stamping**
*Unit 6 – Sewing Leather
*Unit 7 – Braiding and Un-tooled Leather
*Unit 8 – Master Leathercraft
*Unit 9 – Making and Rebuilding Saddles

Metalworking

Leader
Member
Unit 1 – Introduction to Welding
Unit 2 – Metal Fabrication
Unit 3 – Advanced Metal Fabrication
Unit 4 – Large Exhibit Fabrication

Model Rocketry

Leader
Member
*Unit 1 – Introduction to Model Rocketry
***Unit 2 – Construction & Flight of Model Rockets**
*Unit 3 – Intermediate
*Unit 4 – Advanced
*Unit 6 – Designer (Int./Sr.)

Outdoor Adventure

Leader
Member
*Unit 1 – Hiking Trails
*Unit 2 – Camping Adventures
*Unit 3 – Backpacking Expeditions

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Photography

Leader
Member
*Unit 1 – Photography Basics
*Unit 2 – Photography Basics (2nd Year)
*Unit 3 – Next Level Photography
*Unit 4 – Mastering Photography
*Unit 5 – Low Light Photography
*Unit 6 – Advanced Photography (Int./Sr.)

Poultry

Leader
Member
Breeding Chickens
Market Chickens
Show Birds
Breeding Turkeys
Market Turkeys
Duck
Geese

Rabbits

Leader
Member
Breeding Rabbits/Show
Market Rabbits

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

Scrapbooking

Leader
Member
Scrapbooking
One Page Layout, Two Page Layout, Album, Tag
Making (Jr.) and Card Making (Int./Sr.)

Sheep

Leader
Member
Breeding Sheep
Market Sheep

Shooting Sports

Leader
Member
Air Rifle
Archery
.22 Rifle
.22 Pistol
Shotgun
Muzzleloading
Air Pistol
Outdoor Skills
Western Heritage

Small Engines

Leader
Member
*Unit 1 – Crank it Up
*Unit 2 – Warm it Up
*Unit 3 – Tune it Up
*Unit 4 – Advanced Engines – Self-Determined (Int./Sr.)

Sportfishing

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

Swine

Leader
Member
Breeding Swine
Market Swine

Veterinary Science

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

Visual Arts

Leader
Member
Portfolio Pathways – Painting, Printing
Portfolio Pathways – Graphic Design
Sketchbook Crossroads – Drawing
Sketchbook Crossroads – Fiber & Sculpture

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

Woodworking

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

COUNTY PROJECTS

(If you can't find these projects listed in 4-H Online, please finish your enrollment then email or call Jean at the office and she can add them for you.)

Expressive & Craft Arts

Expressive and Craft Arts, (Jr./Int./Sr.)

Llama/Alpaca

Pets (called Pocket Pets in 4-H Online)

Unit 1 - Pets, (Jr./Int./Sr.)
Unit 2 - Pets, (Jr./Int./Sr.)
Unit 3 - Pets, (Jr./Int./Sr.)

Self-Determined

Juniors 8 – 10 yrs., Intermediates 11 – 13 yrs., Seniors 14 – 18

*Progressive Projects are by units and are suggested to start at unit 1 and work up to the next unit.



**COLORADO STATE UNIVERSITY
EXTENSION**

ARAPAHOE COUNTY PROGRAMS AND ACTIVITIES Youth must be enrolled in 4-H to participate in these events. (Tentative Schedule)

JANUARY – Leadership Development Conference

4-H Members, ages 14 – 18, represent Arapahoe County at a statewide 4-H leadership conference in Denver.

FEBRUARY – Creative Cooks (Feb. 24, 2024)

Open to all enrolled 4-H members. Participants plan a meal and prepare one or more food items around a theme of their choosing. Champions go on to State Fair.

APRIL – Speech and Demonstration Contest, Cake Decorating Contest

Speech & Demo. Contest - All enrolled 4-H members can participate in the Speech and Demonstration Contest. Participants develop speaking skills through speaking contests. Senior Champion Horse Speech and Demonstrations and Champion and Reserve Champion Public Speaking and Impromptu Speech winners go to State 4-H Conference and Demonstration Champions go to State Fair.

Cake Decorating Contest - Only 4-H members enrolled in Cake Decorating projects demonstrate their skills at the Cake Decorating Contest. Champions go on to State Fair.

MAY – County Prospect Livestock Show

JUNE – State 4-H Conference, Open 4-H Horse Show, 4-H Horse Judging Contest

4-H members, ages 14 – 18, represent Arapahoe County at a statewide 4-H leadership conference at Colorado State University in Fort Collins.

JULY – 4-H Fashion Revue, Arapahoe County Fair

4-H members enrolled in clothing projects will have an opportunity to model the garments they have made. Senior Grand Champions go to State Fair. County Fair events include Dog, Rabbit, Horse, Livestock, General and Family Consumer Science project judging and exhibits. The Dog, Family Consumer Science and General project winners advance to the State Fair.

OCTOBER – Achievement Program - A Celebration of Achievement for the many 4-H members and leaders.