

# 2021 – 2022 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 Project (Int./Sr.)

Unit 7 – Create Your Own (Int./Sr.)

### Beef

Leader  
Member  
Breeding Beef  
Market Beef

### Beekeeping

Leader  
Member  
Beekeeping Unit 1  
Beekeeping Unit 2  
Beekeeping Unit 3  
Advanced Beekeeping Unit 4 (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 Futher, 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 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 (Int./Sr.)

### Dairy Cattle

Leader  
Member

### Dog

Leader  
Member

### Electric

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

### Entomology

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

### 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  
Youth Counselor (Int./Sr.)  
Exchange Delegate to Another Country (Int./Sr.)

### Goats

Leader  
Member  
Breeding Goat  
Market Goat  
Dairy Goat  
Fiber Goat  
Pygmy Goat  
Utility Goat

### Heritage Arts

Leader  
Member  
Crochet  
Knitting  
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 – Units 1 – 4

### 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 (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

### 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

### Outdoor Adventure

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

### 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

OVER → → → → →

#### 4-H Filmmaking

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

#### Poultry

Leader  
Member  
Breeding Chickens  
Market Chickens  
Showbirds  
Breeding Turkeys  
Market Turkeys  
Duck  
Geese  
Pigeons & Game Birds

#### Rabbits

Leader  
Member  
Breeding Rabbits/Show  
Market Rabbits  
Companion 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, album, tag & card making

#### Sheep

Leader  
Member  
Breeding Sheep  
Market Sheep

#### Shooting Sports

Leader  
Member  
Air Rifle  
Archery  
Caliber Rifle (.22)  
.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 Small Engines (Self-Determined)

#### 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  
Sketchbook Crossroads – Drawing, 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

#### Model Craft

Unit 1 – Model Craft, (Jr./Int./Sr.)  
Unit 2 – Model Craft, (Jr./Int./Sr.)  
Unit 3 – Model Craft, (Jr./Int./Sr.)  
Unit 4 – Model Craft, (Jr./Int./Sr.)

#### 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 – 4-H Extravaganza

Extravaganza is open to members, families and volunteers from our county as well as other counties. It is a great way to learn about 4-H, MQA, Shooting Sports training as well as other 4-H topics.

#### MARCH – Consumer Choices Contest (TBD), Creative Cooks (TBD)

All enrolled 4-H members are able to participate in this event. Participants develop reasoning skills through decision-making contests. 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 – County Contest Night (TBD) - Speech and Demonstration Contest (TBD)

Speech & Demo. Contest - All enrolled 4-H members are able to 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.

#### MAY – County Prospect Livestock Show, Cake Decorating Contest (TBD)

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.

#### 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 Home Economics project judging and exhibits. The Dog, Home Economics and General project winners advance to the State Fair.

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