

2016 – 2017 Arapahoe County 4-H Project List

STATE PROJECTS

Artistic Clothing

Leader
Decorate Your Duds
Unit 5 – Creative Sewing
Unit 7 – Create Your Own (Int./Sr.)
Buymanship Project – Online Only

Beef

Leader
Member
Breeding Beef
Market Beef

Bicycle

Leader
Unit 1 – Bicycling for Fun
Unit 2 – Wheels in Motion
Unit 3 – Bicycle Self Determined (Int./Sr.)

Cake Decorating

Leader
Unit 1 – Edible Decorations
Unit 2 – Single Layer Decorating w/Tips
Unit 3 – Double Layer Decorating w/Tips
Unit 4 – Character Cakes
Unit 5 – Cupcakes
Unit 6 – Cut-Up Cakes
Unit 7 – Flower Power, Flat Nail (Int./Sr.)
Unit 8 – Fondant (Int./Sr.)
Unit 9 – Flower Power, Lily Nail (Int./Sr.)
Unit 10 – Tiered Cakes (Sr. Only)
Unit 11 – Molds (Sr. Only)
Unit 12 – Advanced Cake Decorating (Sr. Only)

Cat

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

Ceramics

Leader
*Unit 1 – Glazes
*Unit 2 – Underglazes
*Unit 3 – Overglazes
*Unit 4 – Unfired Finishes
*Unit 5 – Porcelain Dolls
*Unit 6 – Hand-Constructed w/ Stoneware

Child Development

Leader
Intermediate Child Development
Senior Child Development

Clothing Construction

Leader
*Unit 1 – STEAM Clothing 1 (Jr./Int./Sr.)
*Unit 2 – STEAM Clothing 2 (Jr./Int./Sr.)
*Unit 3 – STEAM Clothing 3 (Int./Sr.)
Unit 7 – Sewing for Others (Jr./Int./Sr.)
Unit 8 – Recycled Clothing (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
Newbie Know How
Inside the Box
Peer to Peer (Int./Sr.)
Teens Teaching Technology (Sr. Only)
Discovering Computer Science & Programming
Through Scratch
Computers in the 21st Century (Int./Sr.)

Dairy Cows

Leader
Member

Dog

Leader
Member

Electric

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

Entomology

Leader
*Unit 1 – Let's Learn About Insects
*Unit 2 – Learn More About Insects
*Unit 3 – Insect Habits & Control
*Unit 4 – Insect ID & Community Projects
*Unit 5 – Immature Insects/Life Stages
*Unit 6 – Exploring with Insects
*Unit 7 – Exploring w/ Insects, Advanced

Foods and Nutrition

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

Food Preservation

Leader
Unit 40 – Drying
Unit 41 – Freezing
Unit 42 – Boiling Water Canning
Unit 43 – Pressure Canning (Int./Sr.)

Gardening

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

Geospatial

Leader
*Unit 1 – Setting Out
*Unit 2 – On the Trail
*Unit 3 – Reaching Your Destination

Global Citizenship

Leader
Study of Another Country
Hosting a Delegate From Another Country
Teen Counselor (Int./Sr.)
Exchange Delegate to Another Country (Int./Sr.)

Goats

Leader
Member
Breeding Goat (includes dairy, pygmy, angora,
cashmere, etc.)
Market Goat

Heritage Arts

Leader
Crochet
Knitting
Needle Arts
Quilting – Units 1 – 5
Misc. Fiber (Macrame, Rug Making, Spinning &
Weaving)
Misc. Non-Fiber

Home Environment

Leader
Unit 1
Unit 2
Unit 3
Unit 4
Unit 5
Unit 6
Unit 7 – Design Your Own Project (Sr.)

Horse

Leader
Member

Horseless Horse

Leader
*Unit 1
*Unit 2
*Unit 3
*Unit 4

Leadership

Leader
Individual Skills for Young Members (Jr.)
Individual Skills for Older Members (Int./Sr.)
Skills Working Within Groups (Int./Sr.)
Skills Leading Groups (Int./Sr.)

Leathercraft

Leader
*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

Model Rocketry

Leader
*Unit 1 – Introduction
*Unit 2 – Basic
*Unit 3 – Intermediate
*Unit 4 – Advanced
*Unit 6 – Designer

Outdoor Adventure

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

Photography

Leader
*Unit 1 – Focus on Photography
*Unit 2 – Controlling the Image
*Unit 3 – Mastering Photography
*Unit 4 – Lightning Photography
*Unit 6 – Advanced Photography

4-H Filmmaking

Leader
Member

Poultry

Leader
Member
Breeding Chickens
Market Chickens
Fowl – Showbirds
Breeding Turkeys
Market Turkeys
Duck
Geese

Rabbit

Leader
Member
Breeding Rabbits/Show
Market Rabbits
Companion Rabbits

Robotics

Leader
Level 1 – Give Robots a Hand
Level 2 – Robots on the Move
Level 3 – Mechatronics
Unit 4 – Robotics Platform, Level 1
Unit 5 – Robotics Platform, Level 2
Unit 6 – Robotics Platform, Level 3
Unit 7 – FIRST Lego League (FLL)
Unit 8 – FIRST Lego League (FTC)
Unit 9 – FIRST Robotics Competition (FRC)
Unit 10 – BEST Robotics

OVER →→→→→

Scrapbooking
Leader
Scrapbooking 101

Sheep
Leader
Member
Breeding Sheep
Market Sheep

Shooting Sports
Leader
Air Rifle
Archery
Caliber Rifle (.22)
.22 Pistol
Shotgun
Muzzleloading
Air Pistol
Outdoor Skills
Western Heritage

Small Engines
Leader
*Unit 1 – Crank it Up
*Unit 2 – Warm it Up
*Unit 3 – Tune it Up
*Unit 4 – Advanced Small Engines (Self-Determined)

Specialty Foods
Leader
Unit 25 – Outdoor Cooking & Living
Unit 30 – Cultural and Ethnic Foods (Int./Sr.)
Unit 35 – Passport to Foreign Cookery (Int./Sr.)

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

Visual Arts
Leader
Portfolio Pathways
Sketchbook Crossroads

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

COUNTY PROJECTS

Dog Care (under the “Activities” Tab in 4-H Online)
Unit 1 – Dog Care, (Jr./Int./Sr.)
Unit 2 – Dog Care, (Jr./Int./Sr.)
Unit 3 – Dog Care, (Jr./Int./Sr.)

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

Guide Dog
Member, (Jr./Int./Sr.)

Model Craft (under the “Activities” Tab in 4-H Online)
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.



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

FEBRUARY – *Creative Cooks, 4-H Skill Extravaganza*

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.

MARCH – *Consumer Choices Contest*

All enrolled 4-H members are able to participate in this event. Participants develop reasoning skills through decision making contests.

APRIL – *Speech and Demonstration Contest (TBD)*

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 – *Talent Show (TBD), Cake Decorating Contest (TBD), County Prospect Livestock Show*

Open to all enrolled 4-H members. Here is a chance to showcase special talents. Champions go to State Fair. 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 state wide 4-H leadership conference at Colorado State University in Fort Collins.

JULY – *4-H Fashion Revue*

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.