



2016-2017

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 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

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

Horse
Leader
Member

Dog
Leader
Member
Guide Dog

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

Bicycle

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

Computer Power Unlimited Series

Leader
Member
Newbie Know-how
Inside the Box
Peer to Peer
Teens Teaching Technology
**Discovering Computer Science &
Programming Through Scratch**
***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

Geospatial – (all units on one CD)

Leader
Member
Exploring Spaces, Going Places CD
Unit 1 – Setting Out
Unit 2 – On the Trail

Unit 3 – Reaching Your Destination

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
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

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

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
*Teen Counselor (Int./Sr.)
*Exchange Delegate to Another Country (Int./Sr.)

Leadership

Leader
Member
*Ind Skills for Young Members (Jr. only)
*Ind Skills for Older Members (Int./Sr.)
*Skills Working Within Groups (Int./Sr.)
*Skills Leading Group (Int./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 – 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

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

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 Cupcakes
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)

*Child Development

Leader
Member
*Intermediate Child Development
*Senior Child Development

Clothing Construction

Leader
Member
Unit 1 – STEAM Clothing 1 (Jr./Int./Sr.)
Unit 2 – STEAM Clothing 2 (Jr./Int./Sr.)
Unit 3 – STEAM Clothing 3 (Int./Sr.)
STEAM Clothing Activity Manual - Beyond the Needle (Jr./Int./Sr.)
Unit 7 – Sewing for Others (Jr./Int./Sr.)
Unit 8 – Recycled Clothing (Jr./Int./Sr.)

Artistic Clothing

Leader
Member
Decorate Your Duds

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

Home Environment

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

Cloverbuds

Leader
Member