



**2015-2016
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
Breeding Turkeys
Market Turkeys
Duck
Geese

Rabbits

Leader
Member
Breeding Rabbits
Market Rabbit
Pet Rabbits

Sheep

Leader
Member
Breeding Sheep
Market Sheep

Swine

Leader
Member
Market Swine

Horse

Leader
Member

Dog

Leader
Member

Cat

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

Veterinary Science

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

Horseless Horse

Leader
Unit 1 – Horseless Horse
Unit 2 – Horseless Horse
Unit 3 – Horseless Horse
Unit 4 – Horseless Horse

Gardening

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

Bicycle

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

Computers

Leader
Unit 1 – Newbie Know How
*Unit 2 – Inside the Box
*Unit 3 (Int./Sr.) – Peer to Peer
*Unit 4 (Sr. only) – Teens Teaching Tech

Electric

Electric Leader
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)

Exploring Spaces, Going Places CD
Leader
Unit 1 – Setting Out
Unit 2 – On the Trail
Unit 3 – Reaching Your Destination

Model Rocketry

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

Small Engines

Leader
Unit 1 – Crank It Up
Unit 2 – Warm It Up
Unit 3 – Tune It Up
Unit 4 -- Adv Small Eng—Self-Determined

Robotics

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 Tech Challenge (FTC)
Unit 9 -- FIRST Robotics Competition (FRC)
Unit 10 -- BEST Robotics
Units 7-10 with permission from agent only

Power of Wind

Power of Wind Facilitator Guide
Power of Wind Youth Guide

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

Outdoor Adventure

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

Sportfishing

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

Shooting Sports

Leader
Air Rifle
Archery
Caliber Rifle (.22)
.22 Pistol
Shotgun
Muzzleloading
Air Pistol
Outdoor Skills
Western Heritage – Not yet available in Pueblo

Wildlife Conservation

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

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

Global Citizenship

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

Leadership

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

4-H Filmmaking

Leader

Scrapbooking

Scrapbooking 101

Woodworking

Leader
Unit 1 – Measuring Up
Unit 2 – Making the Cut
Unit 3 – Nailing It Together
Unit 4 – Finishing Up

Visual Arts

Leader
Portfolio Pathways
Sketchbook Crossroads

Cake Decorating

Leader
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**

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.)
STEAM Clothing Activity Manual - Beyond the Needle (Jr./Int./Sr.)

Artistic Clothing

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

Specialty Foods

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

Food Preservation

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

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 (Sr. only) – Design Your Own Project

Cloverbuds

Leader
Member

Self-Determined

Self-Determined (Int./Sr.) – County Only