



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

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
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

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

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

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