



2020-2021 4-H Project List

All projects may be taken by Jr, Int, or Sr members unless otherwise indicated by *.

Juniors: 8-10
Intermediates: 11-13
Seniors: 14-18

For descriptions and info:
Colorado4h.org

Questions: 641-1260

ANIMAL SCIENCES

Beef
Breeding Beef
Market Beef

Dairy Cows

Goats
Breeding Goat
Fiber Goat
Market Goat

Poultry
Breeding Chickens
Market Chickens
Fowl-Showbirds
Breeding Turkeys
Market Turkeys
Duck
Geese

Rabbits
Breeding Rabbits
Market Rabbits
Companion Rabbits

Sheep
Breeding Sheep
Market Sheep

Swine
Breeding Swine
Market Swine

Horse

Dog Obedience

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

Veterinary Science
Unit 1 - From Airedales to Zebras
Unit 2 - All Systems Go
Unit 3 - On the Cutting Edge

Horseless Horse
Unit 1
Unit 2
Unit 3
Unit 4

BIOLOGICAL SCIENCE

Gardening
Unit 1 - See Them Sprout
Unit 2 - Let's Get Growing
Unit 3 - Take Your Pick
* Unit 4 - Growing Profits (Sr Only)

MECHANICAL SCIENCES

Computers
Discovering Computer Science &
Programming Through Scratch
* Computers in 21st Century
(Sr Only)

Electricity
Unit 1 - Magic of Electricity
Unit 2 - Investigating Electricity
Unit 3 - Wired for Power
* Unit 4 - Advanced Electronics
(Sr Only)

Model Rocketry
Unit 1 - Introduction
Unit 2 - Basic
Unit 3 - Intermediate
Unit 4 - Advanced
Unit 6 - Designer

Small Engines
Unit 1 - Crank It Up
Unit 2 - Warm It Up
Unit 3 - Tune It Up
Unit 4 - Adv. Self-Determined

Robotics
Level 1 - Give Robots a Hand
Level 2 - Robots on the Move
Level 3 - Mechatronics
Unit 4 - Robotics Platform Beginner
Unit 5 - Robotics Platform
Intermediate
Unit 6 - Robotics Platform
Advanced
Unit 7 - Team Robotics

NATURAL RESOURCES

Entomology
Unit 1 - Teaming with Insects
Unit 2 - Teaming with Insects
Unit 3 - Teaming with Insects

Beekeeping

Outdoor Adventure
Unit 1 - Hiking Trails
Unit 2 - Camping Adventures
Unit 3 - Backpacking Expeditions

Sportfishing
Unit 1 - Take the Bait
Unit 2 - Reel in the Fun
Unit 3 - Cast into the Future

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

Shooting Sports
Air Rifle
Archery
Caliber Rifle (.22)
Muzzleloading
Air Pistol
* Pistol (.22) (Must be 9 and 1
previous year in shooting sports)
Shotgun
Outdoor Skills
Western Heritage

COMMUNICATION, ARTS, AND LEISURE SCIENCES

Ceramics

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

Family History/Genealogy

Global Citizenship

Study of Another Country
Hosting a Delegate from Another Country
* Youth Counselor (Int/Sr Only)
* Exchange Delegate to Another Country (Int/Sr Only)

Leadership

* Leadership Skills You Never Outgrow (Jr Only)
* Leadership Road Trip (Int/Sr Only)
* Put Leadership to Practice (Int/Sr Only)
* Refining Leadership Skills (Sr Only)
* Community Service Project (Sr Only)

Leathercraft

Unit 1 - Introduction to 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

Unit 1 – Basics, Book 1
Unit 2 – Next Level, Book 2
Unit 3 – Mastering, Book 3
Unit 4 - Lightning Photography
Unit 6 - Advanced Photography

4-H Filmmaking

Scrapbooking

Woodworking

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

Welding

Visual Arts

Portfolio Pathways
Sketchbook Crossroads

CONSUMER SCIENCES

Cake Decorating

Unit 1- Edible Decorations
Unit 2 - Single Layer Decorating with Tips
Unit 3 - Double Layer Decorating with Tips
Unit 4 - Character Cakes
Unit 5 – Small Treats
Unit 6 - Cut Up Cakes
* Unit 7 - Flower Power (Int/Sr Only)
* Unit 8 - Fondant (Int/Sr Only)
* Unit 9 - Flower Power (Sr Only)
* Unit 10 - Tiered Cakes (Sr Only)
* Unit 11 - Molds (Sr Only)
* Unit 12 - Advanced Cake Decorating (Sr Only)

Clothing Construction

Unit 1- Clothing Construction STEAM 1 (Jr/Int/Sr)
Unit 2 – Clothing Construction STEAM 2 (Jr/Int/Sr)
* Unit 3 Advanced Sewing (Int/Sr Only)
Unit 7 - Sewing for Others (Jr/Int/Sr)
Unit 8 - Recycled Clothing (Jr/Int/Sr)

Artistic Clothing

Upcycle Your Style
Creative Sewing
* Create Your Own (Int/Sr only)
* Buymanship (Int/Sr Only)

Foods and Nutrition

Unit 1
Unit 2
Unit 3
Unit 4

Specialty Foods

Outdoor Cooking & Living
* Cultural & Ethnic Foods (Int/Sr Only)
* Passport to Foreign Cookery (Int/Sr Only)

Food Preservation

Unit 1 - Drying
Unit 2 - Freezing
Unit 3 - Boiling Water Canning
* Unit 4 - Pressure Canning (Int/Sr Only)

Heritage Arts

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

Home Design & Decor

Unit 1
Unit 2
Unit 3
Unit 4

CLOVERBUDS

For ages 6 and 7 only, according to 4-H age



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EXTENSION