

2021-2022 Douglas County 4-H Project List



Colorado State University
EXTENSION

Cloverbuds: Ages 5-7

Juniors: Ages 8-10

Ages as of December 31, 2021

Beef

Leader/Member
Breeding Beef
Market Beef

Goats

Leader/Member
Breeding Goat*
Market Goat
**includes dairy, pygmy, angora, cashmere, etc*

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

Cat

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

Intermediate: Ages 11-13

Seniors: Ages 14-19

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 – Making Horse Sense
Unit 2 – Hooves, Health & Horsemanship
Unit 3 – Breaking Ground
Unit 4 – Brushing Up on 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*

Computer Power Unlimited Series

Leader/Member
Discovering Computer Science & Programming Through Scratch
-Level 1
-Level 2
-Level 3
**Computers in the 21st Century (Int/Sr)*

Electric

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

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

All projects may be taken by Junior, Intermediate, or Senior members unless otherwise indicated by an asterisk (*).

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
Teaming with Insects – Level 1
Teaming with Insects – Level 2
Teaming with Insects – Level 3

Beekeeping

Leader/Member
Beekeeping Unit 1
Beekeeping Unit 2
Beekeeping Unit 3
**Adv. Beekeeping Unit 4, Int./Sr. Only*

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

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

Leadership

Leader/Member
*Leadership Skills You Never Outgrow (Jr Only)
*Leadership Road Trip (Int./Sr.)
*Put Leadership to Practice (Int./Sr.)
*Refining Leadership Skills (Sr.)
*Community Service Project (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 – Basics, Book 1
Unit 2 – Next Level, Book 2
Unit 3 – Mastering, Book 3
Unit 4 – Lightning
Unit 6 – Advanced

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

Welding

Leader/Member

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 - Small Treats
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)

Clothing Construction

Leader/Member
Unit 1 – Clothing Construction STEAM 1
Unit 2 – Clothing Construction STEAM 2
*Unit 3 – Clothing Construction STEAM 3 (Int./Sr.)
Unit 7 – Sewing for Others
Unit 8 – Recycled Clothing

Artistic Clothing

Leader/Member
Upcycle Your Style
Unit 5 – Creative Sewing
*Unit 7 (Int./Sr.) – Create Your Own Buymanship Project – online only

Foods and Nutrition

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

Home Design & Décor

Leader/Member
Unit 1
Unit 2
Unit 3
Unit 4

Cloverbuds

(4-H Discovery Program for ages 5-7)
Leader/Member

Douglas County Projects and Activities *(Not Eligible for State)*

County Projects

- Alpaca/Llama
- Cavy
- Discovering 4-H
- Pocket Pets
- Miniature Horse

Self-Determined

Design your own project - Any project that is not offered by 4-H: Astronomy, dinosaurs, jewelry, etc.

Activities

The following activities are dependent upon having a qualified and approved leader, as well as members meeting the enrollment requirements for the group. Contact the office for more details.

- Horse Judging: All ages
- Horse Bowl: All ages
- Hippology: All ages
- Livestock Judging: All ages
- Livestock Bowl: All ages
- Meat Judging: All ages
- Rabbit Judging: All ages
- Consumer Choices Judging/Bowl: All ages
- 4-H Exchange: Ages 13-18