



MORGAN COUNTY
COLORADO STATE UNIVERSITY
EXTENSION

914 E. Railroad Ave.
Fort Morgan, CO 80701
970-542-3540

morgan.extension.colostate.edu

2021-2022

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 & Renamed State projects
highlighted

Beef
Leader
Breeding Beef
Market Beef

Dairy Cows
Leader
Member

Goats
Leader
Breeding Goats*
Dairy Goats
Market Goats

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

Rabbits
Leader
Breeding Rabbits
Market Rabbit

Sheep
Leader
Breeding Sheep
Market Sheep

Swine
Leader
Breeding Swine
Market Swine

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

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

Gardening
Leader
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
Discovering Computer Science &
Programming Through Scratch
Level 1
Level 2
Level 3
*Computers in the 21st Century

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

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

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

Beekeeping
Leader
Unit 1 - Beekeeping Division 1
Unit 2 – Beekeeping Division 2
Unit 3 - Beekeeping Division 3
*Unit 4 - Adv. Beekeeping (Int./Sr.)

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

Wildlife
Leader
Unit 1 – The Worth of Wild Roots
Unit 2 – Living Wild in a 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

Global Citizenship
Leader
Study of another Country
Hosting a Delegate from another Country
*Youth Counselor (Int./Sr.)
*Exchange Delegate to Another Country
(Int./Sr.)

Leadership
Leader
*Leadership Skill 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
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 – Photography Basics
Unit 2 - Photo Basics Part 2
Unit 3 – Next Level Photography
Unit 4 – Mastering Photography
Unit 5 - Lightning Photography
Unit 6 – Advanced Photography

4-H Filmmaking
Leader
Member
Animation
Narrative
Documentary
Promotional
Voices of 4-H History

Scrapbooking
Leader
Scrapbooking
One Page
Album
Tag
Card Making

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

Metalworking (Welding)
Leader
Unit1 – Introduction to Welding
Unit 2 – Metal Fabrication
Unit 3 – Advanced Metal
Fabrication
Unit 4 – Adv. Metal Fabrication
(Large Projects)

Cake Decorating

Leader
Unit 1 Edible Cake Decorating
Unit 2 Single Layer Decorating with Tips
Unit 3 Two Layered with Tips
Unit 4 Character Cakes
Unit 5 Small Treats
Unit 6 Cut-Up Cakes
*Unit 7 Flat Surface & Nail Flowers (Int./Sr.)
*Unit 8 Fondant (Int./Sr.)
*Unit 9 Lily Nail Flowers (Int./Sr.)
*Unit 10 Tiered Cakes (Sr. only)
*Unit 11 Molds (Sr. only)
*Unit 12 Create Your Own (Sr. only)

Clothing Construction

Leader
Unit 1 – STEAM 1 (Jr/Int/Sr)
Unit 2 - STEAM 2 (Jr/Int/Sr)
Unit 3 - STEAM 3 (Int/Sr)
Unit 4 – Sewing for Others (Jr./Int./Sr.)

Artistic Clothing

Leader
Upcycle Your Style (Applied, Stitched, Combination Design)
*Unit 4 – Recycled Clothing (Jr./Int./Sr.)
Unit 5 - Creative Sewing (Costumes, Other Items)
*Unit 6 - Buymanship Project (Int./Sr.)
*Unit 7 - Create Your Own (Int./Sr.)

Foods and Nutrition

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

Specialty Foods

Leader
*Unit 5 - Outdoor Cooking & Living
*Unit 6 (Int./Sr.) - Cultural and Ethnic Foods
*Unit 7 (Int./Sr.) - Passport to Foreign Cookery

Food Preservation

Food Pres Leader
*Unit 1 - Drying
*Unit 2 - Freezing
*Unit 3 – Boiling Water Canning
*Unit 4 – Pressure Canning (Int/Sr)

Heritage Arts

Leader
Crochet
Knitting
Needle Arts
Misc. Fiber - (Needle Arts, Weaving, Spinning, Felted Bags, Batiked Fabric, Hooked Pillows, Ethnic Arts, Rug Making, Macramé, etc.)
Misc. Non-Fiber - (Beading, Silver Smithing, Paper Scrolling, etc.)
Quilting - Units 1-4

Home Design & Décor

Leader
Unit 1
Unit 2
Unit 3
Unit 4

Cloverbuds (5-7 year olds)

Leader
Member

Morgan County 4-H Projects

(these projects not eligible for State Fair)

County Animals

Orphan Calf (8-10)

Self-Determined

Discuss your ideas and interests with the County 4-H Agents.