2021-2022

State 4-H Projects

Curriculum names are in italics and may not reflect actual exhibit requirements.

For more info: Colorado4h.org

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

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

New & Renamed state projects highlighted in yellow

Animal Science Projects:

Beef
Breeding Beef
Market Beef
Beef Resource Handbook

Dairy Cattle
Dairy Resource Handbook

Goats
Breeding Goat
Market Goat
Dairy Goat
Fiber Goat
Pygmy Goat
Utility Goat
Goat Resource Handbook

Poultry
Breeding Chickens
Market Chickens
Showbirds
Breeding Turkeys
Market Turkeys
Duck
Geese
Pigeons & Game Birds
Poultry Resource Handbook
and more at Colorado4h.org

Rabbits
Breeding Rabbits/Show
Market Rabbit
Companion Rabbits
Rabbit Resource Handbook for Breeding, Market, and Pet Rabbit Projects

Sheep
Breeding Sheep
Market Sheep
Sheep Resource Handbook for Market & Breeding Projects

Swine
Breeding Swine
Market Swine
Swine Resource Handbook for Market & Breeding Projects

Cat
Unit 1 – Purr-fect Pals
Unit 2 – Climbing Up
Unit 3 – Leaping Forward
Cat Helper’s Guide

Dog
Dog Resource Handbook

Horse
4-H Horse Project
Horse Show Rulebook
and more at Colorado4h.org

Horseless Horse
4-H Horse Project
Unit 1 – Making Horse Sense
Unit 2 – Hooves, Health & Horsemanship
Unit 3 – Breaking Ground
Unit 4 – Brushing Up on Horses

Veterinary Science
Unit 1 – From Airedales to Zebras
Unit 2 – All Systems Go!
Unit 3 – On the Cutting Edge
Vet Science Helper’s Guide

Communication, Arts & Leisure Sciences Projects:

4-H Filmmaking
Animation, Narrative, Documentary, Promotional, Voices of 4-H History
4-H Filmmaking Workshop DVD
Movie Magic

Ceramics
Unit 1 – Glazes
Unit 2 – Underglazes
Unit 3 – Overglazes
Unit 4 – Unfired Finishes
Unit 5 – Porcelain Dolls
Unit 6 – Hand-Constructed with Stone or Earthenware
Ceramics All Units

Global Citizenship
Study of Another Country
Hosting a Delegate from Another Country

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

Leadership
*Leadership Skills You Never Outgrow (Jr Only)
*Leadership Road Trip (Int./Sr.)
*Put Leadership to Practice/Club Leadership 1 (Int./Sr.)

*Refining Leadership Skills/Club Leadership 2 (Sr.)
*Community Service Project/My Hands to Larger Service (Sr.)

Leathercraft
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
Leathercraft Units 3-7
Unit 8 – Advanced Creative Stamping
Unit 9 – Braiding and Untooled
Unit 10 – Sewing Leather
Leathercraft Units 8-10

Photography
Unit 1 – Photography Basics
Unit 2 – Photography Basics (Part 2)
Unit 3 – Next Level Photography
Unit 4 – Mastering Photography
Unit 5 – Lightning Photography
Unit 6 – Advanced Photography

Scrapbooking
One page, album, tag and card making
Scrapbooking 101 – Avail. Dec. 2021

Visual Arts
Portfolio Pathways–Painting, Printing
Sketchbook Crossroads–Drawing, Fiber & Sculpture

Family Consumer Science Projects:

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

Cake Decorating*
Unit 1 – Edible Cake Decorating
Unit 2 – Single Layered Cake
Unit 3 – Two Layered Cake with Tips
Cake Decorating, Units 1-3
Unit 4 – Character Cakes
Unit 5 – Small Treats
Unit 6 – Cut-Up Cakes
Cake Decorating, Units 4-6
*Unit 7 – Flat Surface & Nail Flowers (Int./Sr.)
*Unit 8 – Fondant (Int./Sr.)
*Unit 9 – Lily Nail Flowers (Int./Sr.)
Cake Decorating, Units 7-9
*Unit 10 – Tiered Cakes (Sr. only)
*Unit 11 – Molds (Sr. only)
*Unit 12 – Create Your Own (Sr. only)
Cake Decorating, Units 10-12
**Clothing Construction**  
- **Unit 1** – STEAM Clothing 1  
  FUNdamentals (Jr./Int./Sr.)  
- **Unit 2** – STEAM Clothing 2 Simply Sewing (Jr./Int./Sr.)  
  *Unit 3 – STEAM Clothing 3 A Stitch Further, 4-H Textile Experiments (Int./Sr.)  
- **Unit 4** – Sewing for Others (Jr./Int./Sr.)  

**Foods and Nutrition**  
- **Unit 1** – Cooking 101  
- **Unit 2** – Cooking 201  
- **Unit 3** – Cooking 301  
- **Unit 4** – Cooking 401  
  4-H Cooking Helper’s Guide  

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

**Home Design & Décor**  
- **Unit 1**  
- **Unit 2**  
- **Unit 3**  
- **Unit 4**  

**Natural Resources Projects:**  
- **Beekeeping**  
  - **Unit 1** – Beekeeping Division 1  
  - **Unit 2** – Beekeeping Division 2  
  - **Unit 3** – Beekeeping Division 3  
  *Unit 4 – Advanced Beekeeping (Int./Sr.)  
- **Entomology**  
  - **Teaming with Insects – Level 1**  
  - **Teaming with Insects – Level 2**  

**Teaming with Insects – Level 3**  
**Teaming with Insects Facilitator’s Guide**  

**Gardening**  
- **Unit 1** – See Them Sprout  
- **Unit 2** – Let’s Get Growing!  
- **Unit 3** – Take Your Pick  
  *Unit 4 (Sr. only) – Growing Profits  
  Gardening Helper’s Guide  

**Outdoor Adventures**  
- **Unit 1** – Hiking Trails  
- **Unit 2** – Camping Adventures  
- **Unit 3** – Backpacking Expeditions  
  Outdoor Adventure Helper’s Guide  

**Outdoor Sports**  
- **Air Rifle**  
- **Archery – Basic Archery**  
- **Caliber Rifle (.22) – 4-H Rifle**  
- **.22 Pistol – 4-H Pistol**  
- **Shotgun – 4-H Shotgun**  
- **Muzzleloading**  
- **Air Pistol**  
- **Outdoor Skills**  
- **Western Heritage – 4-H Western Heritage Project**  

**Teaming with Insects – Level 3**  
**Teaming with Insects Facilitator’s Guide**  

**Metalworking (Welding)**  
- **Unit 1** – Introduction to Welding  
- **Unit 2** – Metal Fabrication  
- **Unit 3** – Advanced Metal Fabrication  
- **Unit 4** – Advanced Metal Fabrication (Large Projects)  
  *Arches & Sparks, Units 1-3  

**Robotics & Engineering**  
- **Unit 1** – Give Robots a Hand  
- **Unit 2** – Robots on the Move  
- **Unit 3** – Mechatronics  
- **Unit 4** – Robotics Platforms Beginners  
- **Unit 5** – Robotics Platforms Intermediate  
- **Unit 6** – Robotics Platforms Advanced  
- **Unit 7** – Team Robotics  
  Youth Robotics Notebook  
  Robotics with EV3  

**Small Engines**  
- **Unit 1** – Crank It Up  
- **Unit 2** – Warm It Up  
- **Unit 3** – Tune It Up  
- **Unit 4** – Advanced Engines—Self-Determined  
  Small Engines Helper’s Guide  

**Woodworking**  
- **Unit 1** – Measuring Up  
- **Unit 2** – Making the Cut  
- **Unit 3** – Nailing It Together  
- **Unit 4** – Finishing Up  
  Woodworking Wonders Helper’s Guide  

**Ages 5-7 years:**  
**Cloverbuds**  
**Cloverbuds: A 4-H Discovery Program for 6-8 Year Olds**  
**Cloverbuds Activity Package**  

**Supplemental:**  
**Self-Determined**