2019-2020
State 4-H Projects

For more info: 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 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

**Computer Power Unlimited Series**
- Leader
- Member
- Discovering Computer Science & Programming Through Scratch
  - Level 1
  - Level 2
  - Level 3
- *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

**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
- 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
- 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

**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

*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
*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 – 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 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 (Jr./Int./Sr.)
Unit 2 – Clothing Construction STEAM 2 (Jr./Int./Sr.)
Unit 3 – Clothing Construction STEAM 3 (Int./Sr.)

Home Design & Décor
Leader
Member
Unit 1
Unit 2
Unit 3

Cloverbuds
Leader
Member