



2011-2012

## 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 (\*).

Revised or New Manuals for this year

### Beef--NEW

Leader  
Member  
Breeding Beef  
Market Beef

### Dairy Cows--NEW

Leader  
Member

### Goats--NEW

Leader  
Member  
Dairy  
Breeding Meat Goats  
Market  
Pygmy  
Fiber  
Utility

### Fowl --Poultry-NEW

Leader  
Member  
Fowl-Chickens --Egg Production  
Fowl --Chickens --Meat Chickens  
Fowl -- Chickens--Show and Fancy Birds  
Fowl --Turkeys--Breeding  
Fowl --Turkeys--Market  
Fowl --Ducks  
Fowl --Geese  
Fowl --Pigeons & Game Birds

### Rabbits-NEW

Leader  
Member  
Breeding Rabbits  
Market Rabbit  
Pet Rabbits

### Sheep-NEW

Leader  
Member  
Breeding Sheep  
Market Sheep

### Swine -NEW

Leader  
Member  
Breeding Swine  
Market Swine

Horse  
Leader  
Member

### Dog--NEW

Leader  
Member  
Guide Dog

### Veterinary Science

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

### Horseless Horse (all Units revised)

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

### Weeds

Leader  
Unit 1 -- Collection and Identification  
Unit 2 -- Growth Habits and Control  
Unit 3 -- Noxious Weed Control  
Unit 4 -- Advanced Weeds

### Bicycle

Leader  
Unit 1 -- Bicycling for Fun  
Unit 2 -- Wheels in Motion  
\*Unit 3 (Int./Sr.) -- Bicycle Self Determined

### Computers

Leader  
Unit 1 -- Newbie Know How  
\*Unit 2 (Int./Sr.) -- Inside the Box  
\*Unit 3 (Int./Sr.) -- Peer to Peer  
\*Unit 4 (Sr. only) -- Teens Teaching Tech

### Electric

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

### Geospatial -- New! (all units on one CD)

Exploring Spaces, Going Places CD  
Leader  
Unit 1 -- Setting Out  
Unit 2 -- On the Trail  
Unit 3 -- Reaching Your Destination

### Model Rocketry

Leader  
Unit 1 -- Introduction-revised  
Unit 2 -- Basic--revised  
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--NEW

Leader  
Level 1: Give Robot a Hand  
Level 2: Robots on the Move  
Level 3: Mechatronics

### Robotics --Platform --For teams only --Jrs (8-13) and Sr.

Leader  
Level 1: Modules 1-5  
Level 2: Modules 6-10  
Level 3: Module 11

### Power of Wind

Power of Wind Facilitator Guide-Leader  
Power of Wind Youth Guide

### Entomology

Leader  
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

### Forestry

Leader  
Unit 1 -- Follow the Path  
Unit 2 -- Reach for the Canopy  
Unit 3 -- Explore the Deep Woods

### Outdoor Adventure

Leader  
Unit 1 -- Hiking Trails  
Unit 2 -- Camping Adventures  
Unit 3 -- Backpacking Expeditions

### Range Management

Leader  
Range Management

### 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)  
Shotgun  
Muzzleloading  
Air Pistol  
Outdoor Skills

### Wildlife

Wildlife Leader  
Exploring Wildlife  
Small Game  
Waterfowl  
Big Game

Furbearers  
Songbirds and Birds of Prey

### 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  
\*Teen Counselor (Int./Sr.)  
\*Exchange Delegate to Another Country (Int./Sr.)

### Leadership

Leader  
\*Ind Skills for Young Members (Jr. only)  
\*Ind Skills for Older Members (Int./Sr.)  
\*Skills Working Within Groups (Int./Sr.)  
\*Skills Leading Group (Int./Sr.)

### Leathercraft

Leader  
Unit 1 – Intro Leathercraft/Stamping-revised  
Unit 2 – Beginning Leather Carving-revised  
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 – Focus on Photography  
Unit 2 – Controlling the Image  
Unit 3 – Mastering Photography  
Unit 4 – Lightning Photography  
Unit 6 – Advanced Photography  
Unit 7 – 4-H Filmmaking

### Scrapbooking

Leader  
Scrapbooking 101-revised

### 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

### Cake Decorating

Leader  
Unit 1 --revised  
Unit 2 -revised  
Unit 3 -revised  
Unit 4 -revised  
Unit 5  
Unit 6  
Unit 7  
Unit 8  
Unit 9

### \*Child Development

Child Development Leader  
\*Intermediate Child Development-revised  
\*Senior Child Development--revised

### Clothing Construction

Leader – Beg Clothing Unit 1-4  
Unit 1 – Beginning Clothing  
Unit 2 – Beginning Clothing  
Unit 3 – Beginning Clothing  
Unit 4 – Beginning Clothing  
Unit 7 – Sewing for Others  
Unit 8 – Recycled Clothing

### \*Fibers and Fabrics

(Must be at least an Intermediate for Units 21-28)  
Leader  
\*Unit 21 (Int./Sr.) – Cotton  
\*Unit 22 (Int./Sr.) – Synthetics/Rayon  
\*Unit 23 (Int./Sr.) – Wool/Wool Blend  
\*Unit 24 (Int./Sr.) – Silk or Silk-Like  
\*Unit 25 (Int./Sr.) – Leather/Techniques  
\*Unit 26 (Int./Sr.) – Fur/Techniques  
\*Unit 27 (Int./Sr.) – Linen, Ramie, Hemp  
\*Unit 28 (Int./Sr.) – Specialty Fabrics

### Artistic Clothing

Leader  
Decorate Your Duds  
Unit 5 – Creative Sewing  
\*Unit 7 (Int./Sr.) – Create Your Own  
\*Unit 8 (Int. only) – Style of Your Own  
\*Unit 9 (Sr. only) – Style of Your Own

### \*Consumer Savvy

Leader  
\*Unit 1 (Int./Sr.) – The Consumer in Me  
\*Unit 2 (Int./Sr.) – Consumer-Wise  
\*Unit 3 (Sr. only) – Consumer Roadmap

### \*Financial Champions

Leader  
\*Unit 1(Int./Sr.) – Money FUNdamentals  
\*Unit 2 (Int./Sr.) – Money Moves

### Foods and Nutrition -updated with MyPlate information—Units 1-4

Leader, Unit 1  
Unit 1 – Riddles/Rhymes, Fun Food Times  
Leader, Unit 2  
Unit 2 – On the Road to Fun and Fitness  
Leader, Unit 3  
Unit 3 – Fun with Foods  
Leader, Unit 4  
Unit 4 – Food, Fitness and Fun

### Bread Project

Bread Leader  
Unit 11 – Bread: Batter yeast  
Unit 12 – Bread: Kneaded yeast rolls  
Unit 13 – Bread: Kneaded yeast bread  
Unit 14 – Edible Bread/Non-Edible Bread

### Specialty Foods

Leader  
Unit 21 – Baking: Biscuits  
Unit 22 – Baking: Quick Breads  
Unit 23 – Baking: Cakes  
Unit 24 – Baking: Pies  
Unit 25 – Outdoor Cooking & Living  
\*Unit 30 (Int./Sr.) – Cultural and Ethnic Foods  
\*Unit 35 (Int./Sr.) – Passport to Foreign Cookery

### Food Preservation

Food Pres Leader  
Unit 41 – Freezing/Drying  
Unit 42 – Canning and Food Safety  
Unit 43 – Jam, Jellies, Pickles & Relishes  
Unit 44 – Advanced Food Preservation

### Heritage Arts

Leader  
Crochet  
Ethnic Arts  
Knitting  
Needle Arts  
Quilting – Units 1-5  
Rug Making  
Spinning  
Weaving  
Macramé

### Home Environment

Leader  
Unit 1  
Unit 2  
Unit 3  
Unit 4  
Unit 5  
Unit 6  
\*Unit 7 (Sr. only) – Design Your Own Project-revised

### Cloverbuds

Leader  
Member