



# 2020 4-H PROJECTS

Visit [4hcurriculum.unl.edu](http://4hcurriculum.unl.edu) for more information about these projects and their resources. Some counties may offer additional county-level projects. Each county also implements their own enrollment deadlines and may have enrollment fees. Contact your local Extension office for more information.

## Animal Science

### Beef

- Bucket Calf <sup>D</sup>
- Breeding Beef <sup>D</sup>
- Feeder Calf <sup>D</sup>
- Market Beef <sup>D</sup>

### Companion Animal

- Cat <sup>D</sup>
- Dog <sup>D</sup>
- Other Pet or Small Animal <sup>D</sup>

### Dairy Cattle

- Dairy Cattle <sup>D</sup>

### Goat

- Breeding Meat Goat <sup>D</sup>
- Dairy Goat <sup>D</sup>
- Meat Goat <sup>D</sup>
- Pygmy Goat <sup>D</sup>

### Horse

- Horse <sup>D</sup>

### Poultry

- Poultry <sup>D</sup>

### Rabbit

- Rabbit <sup>D</sup>

### Sheep

- Breeding Sheep <sup>D</sup>
- Market Sheep <sup>D</sup>

### Swine

- Breeding Swine <sup>D</sup>
- Market Swine <sup>D</sup>

### Veterinary Science

- The Normal Animal <sup>A</sup>
- Veterinary Science <sup>A/B</sup>
- Animal Disease <sup>B/C</sup>
- Animal Health & its Relationship to Our World <sup>C</sup>

## Communications & Expressive Arts

### Communications

- Module 1 <sup>A</sup>
- Module 2 <sup>B</sup>
- Module 3 <sup>C</sup>

### Digital Video

- Digital Video Pro <sup>D</sup>

### Photography

- Photography Basics <sup>A</sup>
- Next Level Photography <sup>B</sup>
- Mastering Photography <sup>C</sup>

### Presentations

- Posters <sup>D</sup>
- Presentations <sup>D</sup>

### Theatre

- Theatre Arts 1 <sup>A</sup>
- Theatre Arts 2 <sup>B</sup>
- Theatre Arts 3 <sup>C</sup>

## Consumer & Family Science

### Clothing

- STEAM Clothing: Beyond the Needle <sup>D</sup>
- STEAM Clothing 1: Fundamentals <sup>A</sup>
- STEAM Clothing 2: Simply Sewing <sup>A/B</sup>
- STEAM Clothing 3: A Stitch Further <sup>B/C</sup>

### Consumer Management

- Shopping in Style <sup>D</sup>
- My Financial Future <sup>A/B</sup>
- My Financial Future <sup>B/C</sup>

### Crocheting

- Crochet <sup>D</sup>

### Heritage

- Heritage <sup>D</sup>

### Home Environment

- Design My Place <sup>A/B</sup>
- Design Decisions <sup>B/C</sup>
- Portfolio Pathways <sup>B/C</sup>
- Preserving Heirlooms <sup>B/C</sup>
- Sketchbook Crossroads <sup>B/C</sup>

### Human Development

- I Have What It Takes to be Your Babysitter <sup>D</sup>
- Kids on the Grow 1 <sup>A</sup>
- Kids on the Grow 2 <sup>B</sup>
- Kids on the Grow 3 <sup>C</sup>

### Knitting

- Knitting <sup>D</sup>

### Quilting

- Quilt Quest <sup>B/C</sup>

## Environmental Education & Earth Science

### Conservation

- Outdoor Skills <sup>D</sup>
- 4-H Geology <sup>D</sup>
- Environment 1 <sup>A</sup>
- Environment 2 <sup>B</sup>
- Environment 3 <sup>C</sup>
- Outdoor 1: Hiking Trails <sup>A</sup>
- Outdoor 2: Camping Adventures <sup>B</sup>
- Outdoor 3: Backpacking Expeditions <sup>C</sup>

### Entomology

- Insectigator <sup>D</sup>
- Entomology 1 <sup>A</sup>
- Entomology 2 <sup>A</sup>
- Entomology 3 <sup>A</sup>

### Forestry

- Tree Identification <sup>D</sup>

## EE&ES (cont)

### Shooting Sports

- 22 Rifle <sup>D</sup>
- Air Pistol <sup>D</sup>
- Air Rifle <sup>D</sup>
- Archery <sup>D</sup>
- BB Gun <sup>D</sup>
- Hunting Skills <sup>D</sup>
- Muzzleloader <sup>D</sup>
- Shotgun <sup>D</sup>
- Smallbore Pistol <sup>D</sup>

### Wildlife

- Amphibians <sup>D</sup>
- Bird Behavior <sup>D</sup>
- Taxidermy <sup>D</sup>
- Wildlife Habitat Evaluation <sup>D</sup>
- Fishing for Adventure 1 <sup>A</sup>
- Fishing for Adventure 2 <sup>B</sup>
- Fishing for Adventure 3 <sup>C</sup>
- Wildlife Conservation 1 <sup>A</sup>
- Wildlife Conservation 2 <sup>B</sup>
- Wildlife Conservation 3 <sup>C</sup>

## Healthy Lifestyles

### Cycling

- Bicycle Adventures 1 <sup>A</sup>
- Bicycle Adventures 2 <sup>B</sup>
- Bicycle Adventures 3 <sup>C</sup>

### Food & Nutrition

- Cooking 101 <sup>A</sup>
- Cooking 201 <sup>B</sup>
- Cooking 301 <sup>B</sup>
- Cooking 401 <sup>C</sup>

### Food Preservation

- Unit 1 Freezing Project Manual <sup>D</sup>
- Unit 2 Drying Project Manual <sup>D</sup>
- Unit 3 Boiling Water Canning Project Manual <sup>D</sup>
- Unit 4 Pressure Canning Project Manual <sup>D</sup>

### Physical Education

- YOUth in Motion <sup>D</sup>

### Safety

- Fire Safety <sup>A</sup>
- Safety <sup>A/B</sup>
- All-Terrain Vehicles (ATV) <sup>B/C</sup>
- Tractor Safety <sup>B/C</sup>

## Leadership, Citizenship & Personal Development

### Citizenship

- Citizenship: Public Adventures <sup>D</sup>
- Seeing i2i <sup>D</sup>

### Entrepreneurship

- Discover the E-Scene <sup>B/C</sup>
- The Case of ME <sup>B/C</sup>
- Your Business Inspection <sup>B/C</sup>
- Blueprint <sup>C</sup>

### Leadership

- Serving as Junior Leader <sup>D</sup>
- Step Up to Leadership 1 <sup>A</sup>
- Step Up to Leadership 2 <sup>B/C</sup>
- Step Up to Leadership 3 <sup>C</sup>

## Plant Science

### Agronomy

- Field Crops 1 <sup>A</sup>
- Field Crops 2 <sup>B</sup>
- Field Crops 3 <sup>C</sup>

### Horticulture

- Annual Flowers <sup>D</sup>
- Everyone a Gardener <sup>D</sup>
- Houseplants <sup>D</sup>
- Special Gardening Project <sup>D</sup>
- The World of Flowers <sup>D</sup>
- Gardening A <sup>A</sup>
- Gardening B <sup>B</sup>
- Gardening C <sup>B</sup>
- Gardening D <sup>C</sup>

### Range

- Weed Science <sup>D</sup>
- Reading the Range <sup>B</sup>
- Using Nebraska Range <sup>C</sup>

## Science, Engineering & Technology

### Aerospace

- Aerospace 2 <sup>A</sup>
- Aerospace 3 <sup>B</sup>
- Aerospace 4 <sup>C</sup>

### Computers

- Computer Mysteries 1 <sup>A</sup>
- Computer Mysteries 2 <sup>B</sup>
- Computer Mysteries 3 <sup>C</sup>

### Electricity

- Electric Excitement 1 <sup>A</sup>
- Electric Excitement 2 <sup>A/B</sup>
- Electric Excitement 3 <sup>B</sup>
- Electric Excitement 4 <sup>C</sup>

### Gear-Tech-21

- Gear-Tech-21 Year 1 <sup>B</sup>
- Gear-Tech-21 Year 2 <sup>B</sup>

### Geospatial

- Geospatial <sup>D</sup>

### Physics

- 4-Wheelin' Physics Fun <sup>A</sup>
- The Power of Wind <sup>B</sup>

### Robotics

- Junk Drawer Robotics 1 <sup>D</sup>
- Junk Drawer Robotics 2 <sup>D</sup>
- Junk Drawer Robotics 3 <sup>D</sup>
- Robotics Platforms <sup>D</sup>
- Virtual Robotics <sup>D</sup>

### Welding

- Arc Welding <sup>B/C</sup>

### Woodworking

- Woodworking Wonders 1 <sup>A</sup>
- Woodworking Wonders 2 <sup>A</sup>
- Woodworking Wonders 3 <sup>B</sup>
- Woodworking Wonders 4 <sup>C</sup>

<sup>A</sup> = Beginner; <sup>B</sup> = Intermediate; <sup>C</sup> = Advanced; <sup>D</sup> = All Levels