



4-H

Animal Science

Youth interested in these 4-H projects may be interested in the following careers:

- Agribusiness Manager
- Animal Nutrition
- Biotechnology Research and Development
- Business Financial Management
- Extension Educator
- Farm/Ranch Management
- Travel and Tourism

Beef

60412 Bucket Calf

What you can do in this project:

- learn how to care for young beef or dairy animals
- learn what kind of records should be kept for animal projects

Printed Materials:

- CCS8143 Beef 1: Bite into Beef
- CCS8144 Beef 2: Here's the Beef
- CCS8145 Beef 3: Leading the Charge

For Leaders:

- CCS8146 Beef Helper's Guide
- 4H 337 Assuring Quality — A Guide for Youth Livestock Producers

Suggested Age: For all Levels

60502 Market Beef

What you can do in this project:

- learn about beef cattle parts
- calculate the cost to raise a market beef animal
- learn how to select project animals

Printed Materials:

- CCS8143 Beef 1: Bite into Beef
- CCS8144 Beef 2: Here's the Beef
- CCS8145 Beef 3: Leading the Charge

For Leaders:

- CCS8146 Beef Helper's Guide
- 4H337 Assuring Quality — A Guide for Youth Livestock Producers

Suggested Age: For all Levels

60602 Breeding Beef

What you can do in this project:

- learn about beef cattle breeds
- learn how to care for beef animals
- learn to make buying decisions based on performance and visual evaluation

Printed Materials:

- CCS8143 Beef 1: Bite into Beef
- CCS8144 Beef 2: Here's the Beef
- CCS8145 Beef 3: Leading the Charge

For Leaders:

- CCS8146 Beef Helper's Guide
- 4H337 Assuring Quality — A Guide for Youth Livestock Producers

Suggested Age: For all Levels

60702 Feeder Calf

What you can do in this project:

- learn about beef cattle parts
- find out how to feed beef animals to achieve a reasonable amount of gain

Printed Materials:

- CCS8143 Beef 1: Bite into Beef
- CCS8144 Beef 2: Here's the Beef
- CCS8145 Beef 3: Leading the Charge

For Leaders:

- CCS8146 Beef Helper's Guide
- 4H337 Assuring Quality — A Guide for Youth Livestock Producers

Suggested Age: For all Levels

Livestock References and Forms

- 4H117R Beef Resource Manual (Ohio State)
- 4H357 Guide for Evaluating Livestock Showmanship Contests
- 4HF110 Feeder Calf and Bucket Calf Ownership Affidavit*
- 4HF105 Breeding Heifer and Ewe Ownership Affidavit*
- 4HF106 Market Beef and Market Lamb Ownership Affidavit*
- EC20597 Livestock Judging Guide
- Guide to Identifying Meat Cuts [for sale through the National Cattlemen's Beef Association, (800) 368-3138]
- For online interactive resources, please visit our Cyber Fair Web site at www.4h.unl.edu/cyberfair

Sheep

62302 Market Sheep

What you can do in this project:

- learn about sheep parts and products
- calculate the cost of raising sheep
- find out how to care for sheep

Printed Materials:

- BU6367 Sheep 1: Lambs, Rams and You
- BU6368 Sheep 2: Shear Delight
- BU6369 Sheep 3: Leading the Flock

For Leaders:

- BU6370 Sheep Helper's Guide
- 4H337 Assuring Quality — A Guide for Youth Livestock Producers

Suggested Age: For all Levels



62402 Breeding Sheep

What you can do in this project:

- learn about sheep breeds
- find out how to prevent, diagnose and cure sheep health problems
- set production goals for your flock

Printed Materials:

- BU6367 Sheep 1: Lambs, Rams and You
- BU6368 Sheep 2: Shear Delight
- BU6369 Sheep 3: Leading the Flock

For Leaders:

- BU6370 Sheep Helper's Guide
- 4H337 Assuring Quality — A Guide for Youth Livestock Producers

Suggested Age: **For all Levels**

Livestock References and Forms

- 4H194R Sheep Resource Manual (Ohio State)
- 4H357 Guide for Evaluating Livestock Showmanship Contests
- 4HF105 Breeding Heifer and Ewe Ownership Affidavit*
- 4HF106 Market Beef and Market Lamb Ownership Affidavit*
- EC20597 Livestock Judging Guide
- Guide to Identifying Meat Cuts [for sale through the National Cattlemen's Beef Association, (800) 368-3138]
- For online interactive resources, please visit our Cyber Fair Web site at www.4h.unl.edu/cyberfair

Swine

63402 Market Swine

What you can do in this project:

- learn about hog body parts
- calculate the cost to raise pigs
- find out how to care for pigs

Printed Materials:

- CCS8065 Swine 1: The Incredible Pig
- CCS8066 Swine 2: Putting the Oink in Pig
- CCS8067 Swine 3: Going Whole Hog

For Leaders:

- CCS8068 Swine Helper's Guide
- 4H337 Assuring Quality — A Guide for Youth Livestock Producers

Suggested Age: **For all Levels**

63502 Breeding Swine

What you can do in this project:

- learn about pig breeds
- discover how to market products
- find out how to prevent, diagnose and treat swine health problems

Printed Materials:

- CCS8065 Swine 1: The Incredible Pig
- CCS8066 Swine 2: Putting the Oink in Pig
- CCS8067 Swine 3: Going Whole Hog

For Leaders:

- CCS8068 Swine Helper's Guide
- 4H337 Assuring Quality — A Guide for Youth Livestock Producers

Suggested Age: **For all Levels**

Livestock References and Forms

- 4H134R Swine Resource Manual (Ohio State)
- 4H357 Guide for Evaluating Livestock Showmanship Contests
- EC20597 Livestock Judging Guide
- 4HF107 Market Swine Ownership Affidavit*
- 4H459 Nebraska Pork Quality Assurance
- Guide to Identifying Meat Cuts [for sale through the National Cattlemen's Beef Association, (800) 368-3138]
- For online interactive resources, please visit our Cyber Fair Web site at www.4h.unl.edu/cyberfair

Dairy Cattle

64002 Dairy Cattle

What you can do in this project:

- explore dairy cattle breeds, select calves, and identify parts
- focus on housing, hay quality, milking, and health of dairy cattle
- select cattle through records, promote dairy products, and explore careers

Printed Materials:

- CCS8161 Dairy 1: Cowabunga!
- CCS8162 Dairy 2: Mooving Ahead
- CCS8163 Dairy 3: Rising to the Top

For Leaders:

- CCS8164 Dairy Helper's Guide
- 4H337 Assuring Quality — A Guide for Youth Livestock Producers

Suggested Age: **For all Levels**

Livestock References and Forms

- RP593 Learning about Dairy: A Resource Guide
- RP96 Dairy Cow Management
- RP97 Dairy Calves and Heifers
- 4HF108 Dairy Identification Affidavit*
- 4H463 Unified Dairy Judging Scorecard [also for sale through the Purebred Dairy Cattle Association, (608) 224-0400]
- For online interactive resources, please visit our Cyber Fair Web site at www.4h.unl.edu/cyberfair

*Available online at

4h.unl.edu/programs/curriculum/pickaproject
or
<http://4hcurriculum.unl.edu>



Goat

65002 Dairy Goat

What you can do in this project:

- learn about goat parts and breeds
- figure the cost to raise goats
- find out how to care for goats

Printed Materials

- CCS8352 Goat 1: Getting Your Goat
- CCS8353 Goat 2: Stepping Out
- CCS8354 Goat 3: Showing the Way

For Leaders:

- CCS8355 Goat Helper's Guide
- 4H337 Assuring Quality — A Guide for Youth Live-stock Producers

Suggested Age: For all Levels

Livestock References and Forms

- 4HF109 Dairy Goat Identification Affidavit*
- 4HF111 Goat Ownership Affidavit*
- For online interactive resources, please visit our Cyber Fair Web site at www.4h.unl.edu/cyberfair

65592 Meat Goat

What you can do in this project:

- learn and practice important life skills, such as decision making, record keeping, marketable skills, planning and organizing, and self responsibility
- demonstrate good caretaking of the animals, land, and other resources involved
- help to spread knowledge about meat goat products and the meat goat industry

Printed Materials:

- CCS7909 Meat Goat 1: Just Browsing
- CCS7910 Meat Goat 2: Get Growing with Meat Goats
- CCS7911 Meat Goat 3: Meating the Future

For Leaders:

- CCS7912 Meat Goat Helper's Guide

Suggested Age: For all Levels

Meat Goat References:

- 4HF111 Goat Ownership Affidavit*
- 4-H Meat Goat Guide, Texas A&M*
- Meat Goat Selection & Care, Mississippi State University*
- Market Goat Showmanship, Mississippi State University*

Horse

66002 Horse

What you can do in this project:

- discover the basics of horse behavior, breeds, and safety
- learn about acquiring, selecting, and raising a horse
- build a financial plan
- learn basic riding and horsemanship skills
- explore leadership and ethics

Printed Materials:

- CCS8053 Horse 1: Giddy Up & Go
- CCS8054 Horse 2: Head, Heart & Hooves
- CCS8055 Horse 3: Stable Relationships
- CCS8056 Horse 4: Riding the Range
- CCS8057 Horse 5: Jumping to New Heights

For Leaders:

- CCS8058 Horse Helper's Guide

Suggested Age: For All Levels

Livestock References and Forms

- 4H458 Horse Project Member Manual
- 4H426 Horse Project Advancement Levels
- 4H373 Nebraska 4-H Horse Show and Judging Guide
- F29777 Horse Identification Certificate*
- 4H408 Horseman Level 1 Certificate*
- 4H409 Horseman Level 2 Certificate*
- 4H410 Horseman Level 3 Certificate*
- 4H411 Horseman Level 4 Certificate*
- 4H427 4-H Horse Program in Nebraska Brochure
- Youth Leaders Manual by the American Youth Horse Council [for sale through HorseBooksEtc.com]
- For online interactive resources, please visit our Cyber Fair Web site at www.4h.unl.edu/cyberfair

Poultry

67002 Poultry

What you can do in this project:

- find out how to care for poultry
- select breeding pens
- learn to process a chicken
- learn about poultry breeds

Printed Materials:

- BU6363 Poultry 1: Scratching the Surface
- BU6364 Poultry 2: Testing Your Wings
- BU6365 Poultry 3: Flocking Together

For Leaders:

- BU6366 Poultry Helper's Guide

Suggested Age: For all Levels

Poultry References and Forms

- 4H460 National Poultry Judging
- 4H308 Market Broilers

4-H is a community of young people

**who are learning leadership,
citizenship, and life skills**



Rabbit

68002 Rabbit

What you can do in this project:

- learn about rabbit breeds
- learn how to care for a rabbit
- learn to tattoo a rabbit
- learn about genetics and rabbit breeding

Printed Materials:

- CCS8080 Rabbit 1: What's Hoppening?
- CCS8081 Rabbit 2: Making Tracks
- CCS8082 Rabbit 3: All Ears

For Leaders:

- CCS8083 Rabbit Helper's Guide

Suggested Age: For all Levels

Rabbit References and Forms

- 4H339 Rabbits, Rabbits, Rabbits
- 4H257 Judging 4-H Rabbit Shows
- 4HF103 Rabbit Identification Certificate*

Cat

69002 Cat

What you can do in this project:

- select a cat, identify breeds, and name cat parts
- prepare health care budget for a cat
- train a cat for show
- explore veterinary procedures, community laws, and animal welfare/rights

Printed Materials:

- CCS8148 Cat 1: Purr-fect Pals
- CCS8149 Cat 2: Climbing Up!
- CCS8150 Cat 3: Leaping Forward

For Leaders:

- CCS8151 Cat Helper's Guide

Suggested Age: For all Levels

Cat References and Forms

- RP254 Your Cat and You
- 4H340 The Veterinarian's Way of Selecting a Proper Pet
- 4H341 4-H Show Guidelines for Cats and Small Animals

Dog

70002 Dog

What you can do in this project:

- learn basic skills for dog care and training
- explore dog health, nutrition, care, showmanship, and training
- investigate responsible breeding, diseases, dog roles, and careers

Printed Materials:

- CCS8166 Dog 1: Wiggles and Wags
- CCS8167 Dog 2: Canine Connection
- CCS8168 Dog 3: Leading the Pack

For Leaders:

- CCS8169 Dog Helper's Guide

Suggested Age: For all Levels

Dog References and Forms

- 4H419 Guidelines for Nebraska 4-H Dog Shows
- 4H402EX Dog and Puppy Care
- 4H340 The Veterinarian's Way of Selecting a Proper Pet

Companion Animal

71002 Pets

What you can do in this project:

- find out what it costs to have a pet
- learn about animal digestion
- learn to keep a pet healthy
- consider careers with animals

Printed Materials:

- BU6359 Pet 1: Pet Pals
- BU6360 Pet 2: Scurrying Ahead
- BU6361 Pet 3: Scaling the Heights

For Leaders:

- BU6362 Pet Helper's Guide

Suggested Age: For all Levels

Pet References and Forms

- 4H340 The Veterinarian's Way of Selecting a Proper Pet
- 4H341 Show Guidelines for Cats and Small Animals
- Record Book for Companion Animals*

Veterinary Science

84502 Veterinary Science

What you can do in this project:

- understand animals basic needs
- keep health records
- learn about future veterinary science technology

Printed Materials:

- CCS8048 Veterinary Science 1: From Airedales to Zebras
- CCS8049 Veterinary Science 2: All Systems Go!
- CCS8050 Veterinary Science 3: On the Cutting Edge
- CCS8051 Veterinary Science Helper's Guide

Suggested Age: Beginner to Intermediate

*Available online at

4h.unl.edu/programs/curriculum/pickaproject
or
<http://4hcurriculum.unl.edu>



84002 The Normal Animal

What you can do in this project:

- take an animal's temperature and pulse
- recognize healthy skin and membranes
- clean and disinfect animals' quarters

Printed Materials:

- 4H131 The Normal Animal (Leader Guide Included)

84102 Animal Disease

What you can do in this project:

- study bacteria, viruses and parasites
- learn about diseases' relationship to nutrition, stress, heredity and poison
- learn basic disease prevention techniques

Printed Materials:

- 4H48 Animal Disease

For Leaders:

- 4H192 Vet Science Leader Guide

Suggested Age: Intermediate to Advanced

84202 Animal Health and its Relationship to Our World

What you can do in this project:

- study environmental influences on animal health
- learn about maintaining animal health
- explore veterinary medicine as a career

Printed Materials:

- 4H133 Animal Health and Its Relationship to Our World

For Leaders:

- 4H192 Vet Science Leader Guide

Suggested Age: Advanced

Communications

15102 Presentations

What you can do in this project:

- prepare oral communications
- gain poise while speaking
- participate in a county, district or state speaking contest

Online Materials:

Communication Series Resources — <http://4h.unl.edu/programs/communication>

- The Versatile 4-H Presentation*
- The Four P's of Planning a Presentation*
- Getting Ready to Give a 4-H Presentation*
- Presentation Visuals*
- Using PowerPoint in 4-H Presentations*
- Evaluating a 4-H Presentation*
- How to Prepare a Multimedia Presentation*
- How to Prepare a 4-H Radio Public Service Announcement*

Suggested Age: For all Levels

15202 Posters

What you can do in this project:

- learn the principles of effective posters
- plan and prepare a poster
- participate in a poster contest at a county or state level

Printed Materials:

- 4H23 Say It With Posters (limited supply of materials available)

Suggested Age: For all Levels

15302 Picking Up the Pieces

What you can do in this project:

- engage in nonverbal, verbal, and written activities
- learn about the meaning of symbols
- create a communications game
- make a statement through art

Printed Materials:

- CCS8156 Communications 1 — Picking Up the Pieces

For Leaders:

- CCS8159 Communications Helper's Guide

Suggested Age: Beginning

15402 Putting It Together

What you can do in this project:

- present oral reasons
- plan and present speeches
- write a press release
- learn about electronic etiquette

Printed Materials:

- CCS8157 Communications 2 — Putting It Together

For Leaders:

- CCS8159 Communications Helper's Guide

Suggested Age: Intermediate



4-H

Communications & Expressive Arts

Youth interested in these 4-H projects may be interested in the following careers:

- Account Planning and Management
- Advertising Copywriting
- Corporate Advertising and Marketing
- Interactive Media
- Performing Arts
- Public Relations

*Available online at

4h.unl.edu/programs/curriculum/pickaproject

or

<http://4hcurriculum.unl.edu>