



2010-2011 Project List

For additional project information see 4-H CCS Source Book: <http://www.n4hccs.org/>

Core Subject I
Animal Sciences

Youth in Animal Sciences projects-

- Learn and practice life skills with an emphasis on decision making, acquiring knowledge and taking personal responsibility through participation in 4-H animal science opportunities such as project animal care, judging and bowl events.
- Develop competencies in animal science, including an understanding of animal sciences and animal management as well as an awareness of agricultural issues in society (e.g. a concern for animal well being and increasing public agricultural literacy.)
- Learn about the parts of an animal, breeds, costs to raise animals and how to care for animals.

Opportunities for non-animal owners exist-

There are state-wide leasing programs established for Horse and Pony and Dairy Cattle. Other leasing and grant programs exist in county llama, goat and sheep 4-H projects. Check with your county extension office for additional information. Many 4-H activities do not require the ownership of animals for participation.

Individuals owning animals-

There are projects involving the raising of market animals, breeding animals and often companion animals. In many cases, the project animal need not be purebred and/or registered.

Companion & Small Animal Projects-

Encourages the development of life skills while learning about animals. Each guide includes a separate achievement program and 14 activities to promote active learning and interaction with other youth, adult helpers, family members and members of the community. Leader guides are an excellent resource for older youth, teachers and project leaders. You do not need an animal to participate in these self-directed learning activity projects. Levels are age and skill appropriate for juniors, intermediates and seniors.

Companion and Small Animals

ALPACAS (2300)
CATS (1702)
DOGS (1300)
POULTRY (1500)
RABBITS (1701)
SMALL PETS (1700)

Livestock

BEEF CATTLE (1000)
DAIRY CATTLE (1100)
DAIRY STEER (1003)
GOATS (1200)
HORSES AND PONIES (1400) Visit the Maryland 4-h Horse Website: <http://www.4horse.umd.edu/>
MEAT GOATS (1250)
SHEEP (1600)
SWINE (1800)

Quality Assurance

- Teaches youth how to gain consumer confidence.
- Encourages ethical production of wholesome products.
- Teaches youth recommended animal production practices.

QUALITY ASSURANCE (1950)

Veterinary Science

VETERINARY SCIENCE (1900)



Core Subject II
Environmental Sciences / Natural Resources

Environmental Sciences/Naturals Resources-
 Includes Applied Mechanics, Environmental Sciences/Natural Resources and Plant Sciences. Through projects in these areas, youth will demonstrate practical applications of science to daily life and explore the natural environment.

Applied Mechanics

- AEROSPACE (4600)
 - ATV Safety (4399)
 - AUTOMOTIVE (4000)
 - BICYCLES (4100)
 - COMPUTERS (9100)
 - ELECTRICITY (4200)
 - GEOSPATIAL (9500)
 - SMALL ENGINES (4300)
 - THE POWER OF THE WIND (4800) **NEW**
 - TRACTORS (4400)
 - WELDING (4700)
 - WOODWORKING (4500)
-

Environmental Sciences / Natural Resources

- ECOLOGY (7100)
 - ENTOMOLOGY (8700)
 - FORESTRY (7400)
 - NATURAL RESOURCES CONSERVATION (7200)
 - OUTDOOR ADVENTURES (7450)
 - SHOOTING SPORTS (7500)
 - SPORTFISHING (7800)
 - WATER QUALITY (7600)
 - WILDLIFE MANAGEMENT (7700)
-

Plant Sciences

- AGRONOMY (8800)
 - HORTICULTURE (8600)
 - LANDSCAPE ARCHITECTURE (8200)
-

Core Subject III
Human Sciences

Human Sciences Curriculum-
 Includes projects for family and consumerism, nutrition, health and fitness and personal development and expression.

Family & Consumerism

- CONSUMER SAVVY (3800)
 - ENTREPRENEURSHIP & WORKFORCE PREPARATION (3600)
 - FAMILY LIFE (5200)
 - PERSONAL FINANCE (3500)
-

Nutrition, Health and Fitness

- EFNEP (5406)
 - FSNEP (5408)
 - FOODS (5600)
 - HEALTH (5700)
-

Personal Development and Expression

- CITIZENSHIP/CIVIC EDUCATION/SERVICE LEARNING (2000)
- FASHION (2600)
- HOME ENVIRONMENT (6000)
- LATINO CULTURAL ARTS (6800)
- LEADERSHIP (2100)
- LITERACY (2200)
- PHOTOGRAPHY (3000)
- PUBLIC SPEAKING (3100)
- SEWING (2500)
- THEATRE ARTS (2700)
- VISUAL ARTS (6510)



Multi Curriculum Projects

Information about these programs for clubs, youth groups, schools and camps may be obtained through your county extension office or call the State 4-H Office at 301-314-9070.

Agriculture and Natural Resources Education

AGRICULTURE and NATURAL RESOURCES EDUCATION (9200)

Beginning 4-H Projects

BEGINNING 4-H PROJECTS (5000)

Clover 4-H Projects (5-7 year olds)

4-H experience is the focus of the clover-aged child's cooperative learning in a non-competitive environment, which is appropriate for this age group. Materials provide Clover Leaders with a wide variety of learning activities.

ANIMAL SCIENCES (5020)
 CLOVERBUD (0100)
 DISCOVERY (0200)
 PLANT PALS (8845)

Science Education

ADVENTURES IN SCIENCE (9000)
 ACRES OF ADVENTURES (AFTERSCHOOL AG)(9601)
 IN-TOUCH SCIENCE GROUP PROJECTS (9099)

**Group Projects
 For Leaders Only**

All project areas include a helper's guide, however, these are additional resources in specific areas. For complete descriptions, go to the 4HCCS Source Book. You may view and order online: <http://www.n4hccs.org/>

4-H Afterschool in a Box

Building Community Toolkit

(The) Communications Toolkit

Creating Youth/Adult Partnerships: Training Curricula

Down to Earth – Classroom Gardening

Heads-On, Hands-On: The Power of Experiential Learning (Grades K-12)

It All Adds Up

Lessons and More CD (Grades 4-8)

Pizza Garden, An Agricultural Adventure

RISE-Respect and Integrity through Skills and Education

Up for the Challenge: Lifetime Fitness/Healthy Decisions
