



4-H VETERINARY SCIENCE PROJECT



Step It Up!

Pass it on! Now that you know how, share it with others. Here are more ideas to get you started!

Citizenship/ Leadership

- Volunteer at a local veterinary clinic.
- Volunteer at an Animal Rescue League.
- Start a campaign encouraging the spay and neuter of pets.
- Help members develop a health care plan for their animal projects.

Communication

- Give an educational presentation on types of injections and how to vaccinate animals.
- Design a poster to discuss the safe handling of animals.

Are you Into It?

Grow your knowledge of keeping animals healthy with this project!

- Explore animal health and behavior, and how modern veterinary practices increase animals' health, comfort, recreation and livestock values.
- Grow our knowledge about how animal health affects public health.
- Appreciate the importance of good management and sanitation practices in keeping animals and birds healthy.
- Learn the values of scientific research and its influence on animals and their health.
- Explore career opportunities in the animal science field.

Here's what you can do all year!

Starting Out Basic	Learning More Intermediate	Expanding Horizons Advanced
<ul style="list-style-type: none"> • Understanding differences of species in body styles, systems, breeds and life stages. • Explore the animal basic needs and health/safety. • Learn how veterinarians and owners work together to keep animals healthy. • Investigate the many careers of animal science and veterinary science. 	<ul style="list-style-type: none"> • Discover the importance of Food Safety and Quality Assurance. • Explore animal biosecurity and health management plans. • Consider ethics and animal welfare. • Develop and maintain accurate health records for animals and pets. • Investigate health issues related to body systems, diseases, parasites and the importance of immunity. 	<ul style="list-style-type: none"> • Incorporate science into understanding of genetics and animal reproduction and health. • Research the use of veterinary technology and procedures. • Identify the transfer of diseases between animals and humans. • Further explore non-veterinary, animal-related careers.

Healthy Living

- Practice bio-security safety measures for livestock.
- Identify zoonotic diseases and prevention measures.
- Develop an animal health management plan with a veterinarian.

Science

- Learn about newly approved feed additives for livestock and their uses.
- Show the growth curve over an animal's lifetime
- Learn about the value of nutrition in an animal's diet.



Expand Your Experiences in Veterinary Science!

Here are other opportunities to explore Veterinary Science:

- Complete a Service-Learning project.
- Assist with a local Food Safety Quality Assurance class for younger 4-H members.
- Schedule a job shadow with your local veterinarian.
- Become a youth representative on a livestock bio-security advisory group
- Set-up a local/area animal disease emergency preparedness and response team.
- Is it fair time? Consider a communications speech or develop a poster or video for your county fair or the Florida State Fair.
- Contact your county UF/IFAS Extension Office for other local workshops, activities, and events.
- Interested in a college education in animal science or veterinary medicine? Schedule a visit with the [University of Florida Animal Science Department](http://www.ufl.edu/animal-science/) to explore those majors.

Project Sharing Ideas

- Develop an informational sheet and kit for 4-H members to keep at their livestock areas.
- Organize a pet first aid class through your local Red Cross Chapter.
- Give a demonstration or illustrated talk regarding what you've learned in 4-H Veterinary Science.
- Participate in a public speaking contest.
- Make a video of how to vaccinate or de-worm an animal to share on YouTube.

Resources

4-H Project Resources

Project materials to assist youth in learning may be available through your county 4-H office or you can order directly.

Available at National 4-H:

<http://www.4-hmall.org/Category/animal-science.aspx>

Veterinary 1 - From Airedales to Zebras

Veterinary 2 - All Systems Go

Veterinary 3 - On the Cutting Edge

Available at EDIS:

http://edis.ifas.ufl.edu/topic_4h_animal_science

4-H Beef

4-H Dairy

4-H Goats

4-H Horse Program

4-H Swine

4-H Poultry & Embryology

4-H Rabbits

Connections and Events

Attending events and taking advantage of opportunities that will expand your project learning will help you become the best you can be.

[Florida 4-H Animal Science Events](http://www.florida4h.org/Florida-4-H-Animal-Science-Events)

<http://www.animal.ifas.ufl.edu/youth/index.shtml>

Attend these and other statewide events. Check them out at florida4h.org

For more information and requirements, contact your county 4-H agent.

Record Keeping

Learning to take good records of what you do and what you spend for your project is a 4-H life skill.

The following record keeping forms can help you keep a record of your activities and can be found at florida4h.org

- Junior (ages 8-10)
- Intermediate (ages 11-13)
- Senior (ages 14-18)
- Financial Summary
- Member Portfolio (ages 8-13)

Awards and Recognition

Certificates, pins, ribbons, trophies, trips an/or scholarships are awarded based on quality of performance at the county, district, state and national levels.

To learn more about current recognition opportunities, visit the Florida 4-H website at florida4h.org or contact your county 4-H agent.

Learn more at florida4h.org

or contact your local UF/IFAS Extension County Office

4-H
GROWING TOGETHER