**4-H VETERINARY SCIENCE PROJECT**

**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!**

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<th>Starting Out Basic</th>
<th>Learning More Intermediate</th>
<th>Expanding Horizons Advanced</th>
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<td>Understanding differences of species in body styles, systems, breeds and life stages.</td>
<td>Discover the importance of Food Safety and Quality Assurance.</td>
<td>Incorporate science into understanding of genetics and animal reproduction and health.</td>
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<tr>
<td>Explore the animal basic needs and health/safety.</td>
<td>Explore animal biosecurity and health management plans.</td>
<td>Research the use of veterinary technology and procedures.</td>
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<td>Learn how veterinarians and owners work together to keep animals healthy.</td>
<td>Consider ethics and animal welfare.</td>
<td>Identify the transfer of diseases between animals and humans.</td>
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<td>Investigate the many careers of animal science and veterinary science.</td>
<td>Develop and maintain accurate health records for animals and pets.</td>
<td>Further explore non-veterinary, animal-related careers.</td>
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<td>Investigate health issues related to body systems, diseases, parasites and the importance of immunity.</td>
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Learn more at florida4h.org

or contact your local UF/IFAS Extension County Office

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**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.

**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 to explore those majors.

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.animal.ifas.ufl.edu/4h/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.

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or contact your local UF/IFAS Extension County Office