**Are You Into It?**

Do you have an animal you want to keep healthy or are you interested in a career keeping animals healthy? The 4-H Veterinary Science project helps you explore and learn more about animal health in your home, club, community, country, and world. Grow your 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

**Here’s what you can do all year!**

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- 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.
- Discover the importance of Food Safety and Quality Assurance.
- Explore biosecurity and an animal health management plan for animals.
- 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.
- 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.

**Step It Up!**

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

**Communication**
- Give an educational presentation on types of injections and how to vaccinate animals
- Develop an animal health management plan with a veterinarian
- Help in presenting in a FSQA session

**Citizenship**
- Volunteer at a local veterinary clinic
- Volunteer at Animal Rescue League
- Start a campaign encouraging pet owners to neuter and spay their pets

**Leadership**
- Help members develop a health care plan for their animal projects
- Create a bio-security 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

Learn more at [www.extension.iastate.edu/4h/projects/vetscience](http://www.extension.iastate.edu/4h/projects/vetscience) or contact your county ISU Extension Office
Take Veterinary Science further!

Here are other opportunities to explore Veterinary Science:

- 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
- Attend Animal Science Round-Up as part of the Iowa 4-H Youth Conference and participate in one of the livestock areas.
- Attend the Iowa State Fair Vet Camp (registrations available online)
- Is it fair time? Consider a communications speech or develop a poster or video for your county fair or the Iowa State Fair.
- Contact your county ISU Extension Office for other local workshops, activities, and events
- Interested in a college education in animal science or veterinary medicine? Schedule a visit with Iowa State University to explore those majors. www.iastate.edu

Resources

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<th>4-H Resources</th>
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<td>Iowa 4-H Veterinary Science <a href="www.extension.iastate.edu/4h/projects/Livestock/vetscience.htm">link</a></td>
<td>Iowa State University College of Veterinary Medicine <a href="http://vetmed.iastate.edu/">http://vetmed.iastate.edu/</a></td>
<td>4-H Yearly Summary (4H0096)</td>
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<tr>
<td>From Airedales to Zebras Level 1 (4H 0760A)</td>
<td>American Veterinary Medical Association <a href="http://www.avma.org/">www.avma.org/</a></td>
<td>Basic 4-H Project Record (4H0096A)</td>
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<tr>
<td>All Systems Go! Level 2 (4H 0760B)</td>
<td>AVMA – Pet First Aid <a href="http://www.avma.org/firstaid/">www.avma.org/firstaid/</a></td>
<td>Experienced 4-H Project Record (4H0096B)</td>
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<tr>
<td>On the Cutting Edge Level 3 (4H 0760C)</td>
<td>American Association of Veterinary Medical Colleges <a href="http://www.aavmc.org/">www.aavmc.org/</a></td>
<td>Advanced 4-H Project Record (4H0096C)</td>
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<tr>
<td>The Normal Animal (EC 29981)</td>
<td>Animal Disease 2 (4H 48)</td>
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<tr>
<td>Animal Disease 2 (4H 48)</td>
<td>Animal Health and Its Relationship to Our World 3 (4H133)</td>
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<td><a href="http://cde.gov/healthypets/">Healthy Pets</a></td>
<td><a href="http://vetmed.iastate.edu/">American Veterinary Medical Association</a></td>
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Exhibit Ideas

- Create a display of products which come from livestock or animals
- Compare/Contrast various health management plans for a type of animal
- Interview a veterinarian and report on the various parts of their job.
- Create a display showing the difference in animal digestive systems
- Create a poster illustrating the types of injections for animals
- Research domestic animal health issues and how they affect people
- Research wild animal health issues and how they affect people
- Create a first aid kit for large or small animals
- Make a poster showing how to care give first aid to an animal
- Make a poster about foods, plants, and/or household items that are poisonous to animals
- Take a tour of the Iowa State University Vet College
- Learn about newly approved feed additives for livestock and their uses
- Show the growth curve over an animal's lifetime
- Develop a video on proper hoof care for an animal
- Develop a video or power point on ethics in the livestock industry