

Kalamazoo County 4-H

Animal Sciences Project Guidelines

Project Leaders or Superintendents: N/A

Project Social Media: N/A

Project Objectives & Life Skills*

- Learn about the normal anatomy, physiology, and behavior of animals.
- Develop observational skills that are useful in evaluating normal health and behavior of animals.
- Learn about general disease processes and how animals may be affected by them.
- Learn about specific diseases and how they may be prevented, recognized, and/or treated.
- Learn about different career opportunities in the field of animal and veterinary science.
- Gain experience in researching a topic and sharing that knowledge with others.
- **Head**
 - Keeping records
 - Wise use of resources
 - Goal setting
 - Critical thinking
- **Heart**
 - Communication
 - Social skills
 - Concern for others
 - Cooperation
- **Hands**
 - Leadership
 - Responsible citizenship
 - Marketable skills
 - Teamwork
- **Health**
 - Character
 - Stress management
 - Disease prevention
 - Personal safety

**note these life skills are just some examples of what 4-H members will learn in this project*

Additional Resources:

[4-H Veterinary Science Project Snapshot](#)
[4-H Veterinary Science Project Sheet–CA](#)
[Shop 4-H Veterinary Science](#)
[4-H Meat Science Project Snapshot](#)
[American Meat Science Association](#)
[National 4-H Meat Identification And Judging Contest](#)

[4-H Animal Science Anywhere](#)
[Animal Sciences Lesson Plans | OH](#)
[4-H Animal Evaluation Project Snapshot](#)
[American Society of Animal Science](#)
[Animal Science | Education Profile](#)

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Livestock sciences

Section A –Veterinary Science

- The Veterinary Science 4-H project includes both a notebook with detailed research and an accompanying poster that incorporates the highlights of the more detailed notebook.
- **Resources used should be credited/cited in the last page of your research.**
- Recommendations for the 4-H Veterinary Science Project
 - Attendance of as many Veterinary Science meetings as possible or equivalent experience
 - Field trips to local veterinary practices (large and small animal veterinary)
 - Plan a visit to [Michigan State University Veterinary School](#) - Veterinary Education Day
 - Attend the [MSU 4-H Animal & Vet Science Day](#)
 - Field trip to kennels, farms, etc. as a way to see how various animal species may be managed and housed.
- 4-H veterinary science project topics examples
 - Normal anatomy, physiology, and/or behavior of an animal species.
 - Career opportunities in the veterinary science field (i.e. vet research, vet nurse, etc.)
 - Specific disease or condition that may occur in an animal species, include the recommended prevention and treatment.
 - Other topics of interest within the veterinary science field.

Section B–Meat Science

- The meat science project should include both a notebook with detailed research and an accompanying poster that incorporates the highlights of the more detailed notebook.
- **Resources used should be credited/cited in the last page of your research.**
- Recommendations for the 4-H Meat science project
 - Attend as many Meat Science meetings as possible or equivalent experience.
 - Field trips to local butcher shops
 - Field trip to MSU’s Meat Laboratory
 - Learn about and attend a meat judging contest.
- 4-H meat science project topics examples
 - How to identify differences between species in their meat cuts.
 - Variety of cuts and packaging and why each option is used.
 - Kosher processing procedures.
 - Career opportunities in the meat sciences field.
 - Other topics of interest within the meat science field.

Section C–Animal Science

- The animal science project should include both a notebook with detailed research and an accompanying poster that incorporates the highlights of the more detailed notebook.
- **Resources used should be credited/cited in the last page of your research.**
- Recommendations for the 4-H Animal science project
 - Attendance of as many Animal Science meetings as possible or equivalent experience
 - Field trips to local animal practices.
 - Plan a visit to [Michigan State University Veterinary School](#) - Veterinary Education Day
 - Attend the [MSU 4-H Animal & Vet Science Day](#)
 - Field trip to kennels, farms, etc. as a way to see how various animal species may be managed and housed.
- 4-H meat science project topics examples
 - Normal anatomy, physiology, and/or behavior of an animal species.
 - Career opportunities in the animal science field.
 - Specific disease or condition that may occur in an animal species, include the recommended treatment and prevention.
 - Other topics of interest within the animal science field.