



Three Rivers School District

PLANNED COURSE STATEMENT

Course Title: VETERINARY MEDICINE	Grade Level(s): 10-12
Length of Course: 1 Semester	Credit Area: Agriculture
Prerequisite: Intro to Animal Science	Amount of Credit: .5 Credit
Adopted/Supplemental Materials: Cornell University Vet Science Curriculum	
Dual Credit Articulation: BMCC, CCC, KCC, LBCC, TBCC, TVCC, UCC	

COURSE DESCRIPTION:

The second half of the Animal Science pathway will provide motivated students with foundations in veterinary science applications or raising and breeding animals. Students will study and apply techniques regarding various treatments and basic vet care. Topics of study will include anatomy and physiology, diseases, parasites, viruses, and preventative care. Students will explore career opportunities in veterinary related fields.

COURSE GOALS:

Students will:

1. Categorize types of farm animals and companion animals.
2. Determine companion animal and/or farm animal selection criteria.
3. Diagram animal anatomy and physiology.
4. Evaluate companion animal and farm animal health conditions.
5. Identify health issues relating to companion animals and farm animals.
6. Recognize the importance of breeding.
7. Describe basic animal genetics.
8. Design housing requirements for companion animals and/or farm animals.
9. Clean and sanitize animal facilities.
10. Compare different feeds and their relationship to nutritional quality.
11. Compare signs of different animal behavior.
12. Apply first aid care to companion animals.
13. Practice routine grooming (teeth, nails, ears, eyes).
14. Demonstrate safe handling techniques of companion animals and/or farm animals.
15. Develop an exercise program for a companion animal and/or farm animals.
16. Identify professional societies and organizations (Humane Society, AKC, ARBA, AVMA).
17. Identify potential careers in the companion animal industry as well as livestock industry.

ASSESSMENT STRATEGIES:

Project Based Learning Activities
 Supervised Agriculture Experience (SAE)
 Quizzes

Formative and Summative Assessments

FFA Enrichment Activities

These extra activities can help a student to be successful in the field of Agriculture. If the student is interested in sharpening skills and developing abilities in this area, encouragement to participate in one or more of these activities is recommended.

1. FFA Career Development Events
2. FFA Leadership Development Events
3. FFA Leadership Activities

Brain Anatomy - Koshland Science Museum

Left Brain vs. Right Brain quiz - complete twice

Sheep Brain Dissection - The Anatomy of Memory

ACCOMMODATIONS AND MODIFICATIONS:

Accommodations and/or modifications will be made for students on either end of the learning ability spectrum.

CAREER RELATED LEARNING STANDARDS:

- Analyze how issues, trends, technologies, and public policies impact systems in the Agriculture, Food & Natural Resources Career Cluster™.
- Examine and summarize the importance of health, safety, and environmental management systems in AFNR organizations.
- Describe career opportunities and means to achieve those opportunities in each of the Agriculture, Food & Natural Resources Career Pathways.
- Analyze the interaction among ANFR systems in the production, processing and management of food, fiber, and fuel and sustainable use of natural resources.