eDynamicLearning
CAREER & ELECTIVE COURSES

Course Title: Veterinary Science: The Care of Animals

State: WA
State Course Title: Veterinary Science
State Standards: CAREER AND TECHNICAL EDUCATION PROGRAM STANDARDS
Date of Standards:

Percentage of Course Aligned: 82%

Standards	Course Title (a or b), if applicable, e.g. Game Design 1a	Unit Name(s)	Lesson(s) Numbers	How Standard is Taught	How Standard is Assessed	Comments	Standard Rating (Fully Met / Partially Met / Not Met)
1. Demonstrate application of the state and national core content standards in the context of preparing for living, learning and working.							
1.1 Each CTE course will apply and contextualize state and national core content standards.	Veterinary Science: The Care of Animals	All Units	All Lessons	Lessons provide current veterinary science on animal care in alignment with state and national standards.	All Assessments		Fully Met
2. Demonstrate foundational and career cluster specific skills required to meet current industry or nationally defined standards.							
2.1 Each CTE course will teach to current industry or nationally defined standards, as evidenced in the curriculum frameworks, endorsed by local program specific advisory committees, and approved by the CTE program supervisors at OSPI. CTE courses will incorporate curriculum focused on the interrelationships of family, career, and community roles and responsibilities.	Veterinary Science: The Care of Animals	Unit 1: Introduction to Veterinary Science	Lessons 3, 4, and 5	Lessons focus on training needed to enter veterinary science fields, as well as the role veterinarians play in keeping the community safe.	Critical Thinking Questions 1, 2, and 4		Fully Met
2.2 CTE courses will incorporate curriculum focused on the interrelationships of family, career, and community roles and responsibilities.	Veterinary Science: The Care of Animals	Unit 1: Introduction to Veterinary Science	Lessons 3, 4, and 5	Lessons focus on the training needed to enter veterinary fields, as well as the role veterinarians play in keeping the community safe.	Critical Thinking Question 1		Fully Met
2.3 Each CTE course will include extended learning into the, community/family, and business/industry. Extended learning is managed and supervised by certified CTE teachers.	Veterinary Science: The Care of Animals	Unit 7: Zoonotic Diseases	All Lessons	Lessons focus on diseases that can be transmitted from animals to humans, thus impacting the community.	Lab	Unit 7 Lab requires students to research zoonotic diseases that have a significant impact on communities, as well as how these diseases are being controlled. However, there isn't an supervision component to the lab, as required by "extended learning" component of standard. Unit 6/Critical Thinking Question 5 addresses public health concerns related to parasites in animals.	Partially Met
2.4 CTE courses must be taught by a certified CTE teacher with appropriate certification, knowledge, skills and occupational experience.							
2.4.a After initial certification and five years of teaching, certified CTE teachers should gain additional experience in one or more of the jobs or careers in their teaching area. This experience should take place every five years	Veterinary Science: The Care of Animals	All Units	All Lessons	The course is taught by certified instructors as per individual school district requirements	All Assessments		Fully Met
2.5 Each CTE course will provide safe and appropriate environments that support CTE program standards.							
2.5.a Laboratories and equipment are appropriate to and support the OSPI approved curriculum framework and industry training procedures.	Veterinary Science: The Care of Animals	Unit 5: Poisons and Toxicology	All Lessons	Lessons focus on substances that prove poisonous/toxic to animals, as well as how veterinary scientists determine this and how they treat it.	Lab	Lab requires students to research poisons and toxins that affect livestock. They rely on completed research rather than conducting their own through experimentation. However, students would need to understand validly conducted research to complete the lab.	Fully Met
2.5.b Facilities and equipment meet or exceed the related federal, state and county safety standards.	Veterinary Science: The Care of Animals					Course units do not require physical labs to be conducted, but instead are based on analyzing and evaluating lab experiments that have been completed.	Not Met
2.5.c Learning and training stations are of sufficient quantity to assure safe and appropriate supervision, delivery of instruction and student skill development.	Veterinary Science: The Care of Animals					Course units do not require physical labs to be conducted, but instead are based on analyzing and evaluating lab experiments that have been completed.	Not Met
2.6 Curriculum is based on occupational needs and is developed and maintained in consultation with program specific advisory committees.	Veterinary Science: The Care of Animals	Unit 3: Large Animal Medicine	All Lessons	Lessons touch on the connection between animal health and human health, much of which is regulated through government agencies and advisory boards.	Lab (focus on Question 8)		Fully Met
3. Demonstrate knowledge of career options within the related career clusters. **3.1 Curriculum related to foundational knowledge and skills of a broad range of career options in a related program of study.**							

3.1.a These learning experiences include exploration of traditional and nontraditional careers in the program of study ranging from entry to professional level positions	Veterinary Science: The Care of Animals	Unit 1: Introduction to Veterinary Science Unit 8: Holistic Veterinary Science and Medicine	Unit 1/Lesson 4 Unit 8/All lessons	Unit 1/Lesson 4 explores the education and training needed to enter the veterinary science field, and what traditional and nontraditional career options are available. Unit 8 lessons provide additional information on nontraditional careers in animal care.	Unit 1/Discussion Question 1 Unit 8/All Knowledge Check Questions; Critical Thinking Question 3;		Fully Met
4. Demonstrate leadership skills and employability skills. **4.1 Leadership and employability skill development for all students is a required and integral component of all CTE courses.**							
4.1.a These leadership and employability skills are identified in the CTE Core Leadership Skills document, the CTE Core Employability Skills document and/or 21st Century Skills document.	Veterinary Science: The Care of Animals	Unit 1: Introduction to Veterinary Science	All Lessons	Lessons focus on skills and professional standards needed to enter a career in veterinary science.	Critical Thinking Questions 1, 2, 4, and 5	Unit 4/Critical Thinking Question 1 also addresses how veterinary scientists work with exotic animals benefits the community.	Fully Met
4.1.b All students demonstrate leadership and employability skills integrated in the approved curriculum framework and applied in real-world family, community, business/industry applications	Veterinary Science: The Care of Animals	Unit 2: Caring for Small Animals	All Lessons	Lessons focus on the skills needed to diagnose and treat small animals, especially given the relationship that develops between veterinarians and small animal owners.	Critical Thinking Question 5	Unit 4/Critical Thinking Question 1 also addresses how veterinary scientists work with exotic animals benefits the community. Discussion Questions for each focused unit ask students to reflect on their interest in a career in a particular area of veterinary science, thus having them consider the skills they would need to be successful.	Fully Met
4.1.c These skills are developed and practiced at the highest professional level through integration of aligned state-recognized Career and Technical Student Organizations (CTSOs).	Veterinary Science: The Care of Animals	Unit 3: Large Animal Medicine	All Lessons	Lessons focus on the impact of large animal diseases on the community, and the need for veterinary scientists to meet high standards in treating and diagnosing these animals in order to keep the community safe.	Critical Thinking Question 3; Lab (focus on Question 6)	Unit 4/Critical Thinking Question 1 also addresses how veterinary scientists work with exotic animals benefits the community. Discussion Questions for each focused unit ask students to reflect on their interest in a career in a particular area of veterinary science, thus having them consider the skills they would need to be successful.	Fully Met
4.1.d Locally developed leadership plans must demonstrate that these skills are developed and practiced at the highest level through classroom integration of individual, group and community programs and activities.	Veterinary Science: The Care of Animals	Unit 2: Caring for Small Animals	Lesson 1	Lesson examines the crucial role veterinarians have in caring for animals, just as medical doctors care for their patients. Given that small animal vets impact the lives of pet owners, this lesson touches on familiar and common issues.	Lab (focus on Questions 4 and 6)	Unit 2 Lab requires students to analyze what veterinarians do compared to medical doctors, thus recognizing the significance of veterinary science to the community. Unit 6/Critical Thinking Question 5 addresses public health concerns related to parasites in animals. Unit 7/Critical Thinking Question 1 addresses public health concerns related to zoonotic diseases and their threat to the health of the community.	Fully Met