



Small Animal Management (Proc 17)

PRE-TEST/POST-TEST TEKS BLUEPRINT

Pre-Test/Post-Test Development Overview

TEKS Addressed Selection Process

The Texas Essential Knowledge & Skills (TEKS) included in the course pre-test and post-test were selected for their direct relevance to the course content. This selection process was guided by the goal of assessing learners' understanding of specific topics and skills that are integral to the course. As a result, TEKS related to general employability skills or broader topics were often excluded. This focus ensures that the assessments accurately measure students' mastery of the subject matter, allowing educators to gain a clear insight into areas where students excel or may need additional support. By concentrating on content-specific TEKS, the tests provide a more precise evaluation of the students' knowledge and understanding of the core material.

Test Question Development Process

The questions created for the pre-test and post-test were designed using psychometric principles to ensure they are of high quality and fairness. This approach helps to accurately assess student understanding. These principles guide the development of questions to be reliable, valid, and free from bias, ensuring that they effectively measure the knowledge and skills the students are expected to acquire in the course.

Small Animal Management (Proc 17) TEKS Pre-Test/Post-Test Blueprint

Knowledge & Skills Statement	Student Expectation	ICEV Lesson Title
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(B) apply competencies related to resources, information, interpersonal skills, and systems of operation in specialty agricultural enterprises	Animal Systems
(1) The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to:	(C) demonstrate knowledge of personal and mechanical safety and health practices in the workplace	Veterinary Medical Practices: Veterinary Business Management
(2) The student develops a supervised agriculture experience program. The student is expected to:	(A) plan, propose, conduct, document, and evaluate a supervised agriculture experience program as an experiential learning activity	Blue & Gold Basics: SAE Programs
(2) The student develops a supervised agriculture experience program. The student is expected to:	(B) apply proper record-keeping skills as they relate to the supervised agriculture experience	Blue & Gold Basics: SAE Programs Introduction to Record Keeping
(2) The student develops a supervised agriculture experience program. The student is expected to:	(C) participate in youth leadership opportunities to create a well-rounded experience program	Blue & Gold Experience: Involvement
(2) The student develops a supervised agriculture experience program. The student is expected to:	(D) produce and participate in a local program of activities using a strategic planning process	Blue & Gold Experience: Involvement
(3) The student describes the importance of responsible small animal ownership. The student is expected to:	(A) explain the domestication and use of small animals	Animals & Society
(3) The student describes the importance of responsible small animal ownership. The student is expected to:	(B) identify the influence small animals have on society	Animals & Society
(3) The student describes the importance of responsible small animal ownership. The student is expected to:	(C) describe the importance of the small animal industry	Animals & Society
(3) The student describes the importance of responsible small animal ownership. The student is expected to:	(D) describe the obligations and benefits of small animal ownership	Animals & Society Veterinary Medical Practices: Veterinary Business Management Basic Companion Animal Care
(3) The student describes the importance of responsible small animal ownership. The student is expected to:	(E) discuss the use of and services provided by small animals	Animals & Society
4) The student learns the hazards associated with working in the small animal industry. The student is expected to:	(A) explain the importance of safe practices when working with small animals	Veterinary Medical Practices: Veterinary Business Management Small Animal Nutrition, Health & Management
4) The student learns the hazards associated with working in the small animal industry. The student is expected to:	(B) Identify zoonotic diseases that can be transmitted from small animals to humans	Common Diseases of Small Animals Veterinary Medical Practices: Hospital Procedures
4) The student learns the hazards associated with working in the small animal industry. The student is expected to:	(C) describe methods of preventing the spread of disease	Common Diseases of Small Animals
4) The student learns the hazards associated with working in the small animal industry. The student is expected to:	(D) follow guidelines for safety when handling dangerous chemicals and when working with small animals	Veterinary Medical Practices: Veterinary Business Management
4) The student learns the hazards associated with working in the small animal industry. The student is expected to:	(E) demonstrate the proper use of laboratory equipment	Common Veterinary Medical Equipment
(5) The student evaluates current topics in animal rights and animal welfare. The student is expected to:	(A) compare and contrast animal rights and animal welfare	Animals & Society
(5) The student evaluates current topics in animal rights and animal welfare. The student is expected to:	(B) research important persons, organizations, and groups involved in the animal rights movement	Animals & Society
(5) The student evaluates current topics in animal rights and animal welfare. The student is expected to:	(C) create a timeline of dates and acts of legislation related to animal welfare	Animals & Society
(5) The student evaluates current topics in animal rights and animal welfare. The student is expected to:	(D) analyze current issues in animal rights and animal welfare	Animals & Society Animals in Research
(6) The student knows the care and management requirements for a variety of small animals. The student is expected to:	(A) discuss the physical characteristics for each species studied	Basic Canine & Feline Anatomy Basic Avian Anatomy
(6) The student knows the care and management requirements for a variety of small animals. The student is expected to:	(B) list the breeds or types of each species studied as appropriate	Breeds of Companion Animals: Dogs Breeds of Companion Animals: Cats Breeds of Companion Animals: Exotics
(6) The student knows the care and management requirements for a variety of small animals. The student is expected to:	(C) discuss the habitat, housing, and equipment needs for each species studied	Breeds of Companion Animals: Dogs Breeds of Companion Animals: Cats Breeds of Companion Animals: Exotics

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Knowledge & Skills Statement	Student Expectation	iCEV Lesson Title
(6) The student knows the care and management requirements for a variety of small animals. The student is expected to:	(D) compare and contrast nutritional requirements for each species studied	Small Animal Nutrition, Health & Management Basic Canine Nutrition
(6) The student knows the care and management requirements for a variety of small animals. The student is expected to:	(E) explain health maintenance in each species studied, including the prevention and control of diseases and parasites	Small Animal Nutrition, Health & Management Common Parasites of Small Animals
(6) The student knows the care and management requirements for a variety of small animals. The student is expected to:	(F) describe and practice common methods of handling each species studied	Animal Behavior Basic Companion Animal Care
(6) The student knows the care and management requirements for a variety of small animals. The student is expected to:	(G) perform procedures such as fecal and blood testing and basic grooming procedures using available laboratory equipment	Veterinary Medical Practices: Laboratory Procedures Basic Canine Grooming