DESCRIPTION

This class is a look at the relationship between humans and their companion animals. Species we learn about include: dog, horse and cats, with an emphasis on dogs. The curriculum will cover a broad variety of areas include: zoology, animal behavior, training and learning theories, genetics and health care, animal husbandry, animal rescue, competition events and career exploration. Students will also learn about the role of FFA as it relates to companion animals.

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<tr>
<th>Total Test Questions: 40</th>
<th>Levels: 9-12</th>
<th>Units of Credit: 1.00</th>
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<tr>
<td>Prerequisites: None</td>
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STANDARDS, OBJECTIVES, AND INDICATORS

STANDARD 1

Students will explain the role of FFA in agricultural education.

Objective 1: Discuss the history and organization of FFA as it relates to the complete program of agricultural education.
- Explain the interrelationship of classroom and laboratory instruction, supervised agricultural experience, and FFA.
- Describe how, when, and why FFA was organized.
- Identify key FFA historical events.
- Identify the mission and strategies, colors, motto, emblem and parts of the emblem, and organizational structure of FFA.
- Recite and explain the meaning of the FFA Creed.
- Discuss the meaning and purpose of a program of activities and its committee structure.
- List FFA chapter officers, and discuss the role of each.

Objective 2: Identify opportunities in FFA.
- Describe FFA opportunities that develop leadership skills, personal growth, and career success.
- Summarize major state and national activities available to FFA members.

Objective 3: Describe FFA degrees, awards, and career development events CDEs).
- List and explain the FFA degree areas.
STANDARD 2 5% of Exam Content

 STUDENTS WILL EXPLAIN THE ROLE OF SUPERVISED AGRICULTURAL EXPERIENCE (SAE) PROGRAMS IN AGRICULTURAL EDUCATION.

Objective 1: Examine the responsibilities and benefits associated with an SAE.
  • Explain the meaning and benefits of supervised agricultural experience.
  • Explain the characteristics of an effective SAE program and the responsibilities of those involved.

Objective 2: Determine the types of SAE program.
  • Compare entrepreneurship SAEs and placement SAEs.
  • Describe research/experimentation SAEs.
  • Describe exploratory SAEs.

Objective 3: Plan an SAE program.
  • Identify the steps in planning an SAE program.
  • Describe the function of a business/training plan and/or agreement in an SAE program.
  • Develop a short-range plan and a long-range plan for an SAE program.
  • Relate classroom and laboratory instruction to an SAE program.

Objective 4: Maintain and use SAE records.
  • Explain the importance of keeping records on an SAE program.
  • Explain how SAE records are organized.
  • Follow approved procedures to make entries in SAE records.

STANDARD 3 11% of Exam Content

 STUDENTS WILL UNDERSTAND THE MEANING OF TAXONOMY, BINOMIAL NOMENCLATURE AND DICHOTOMOUS KEYS.

Objective 1: Know and understand common names.

Objective 2: Demonstrate a knowledge of Taxonomy, Binomial Nomenclature.
  • Know the order of the seven taxonomy “groups”.

Objective 3: Demonstrate a knowledge of Dichotomous keys.
  • Understand and use a Dichotomous key.
STANDARD 4

STUDENTS WILL UNDERSTAND ANIMAL ANATOMY AND PHYSIOLOGY AS IT RELATES TO NUTRITION, HEALTH, MANAGEMENT AND THE BEHAVIOR OF DOMESTICATED ANIMALS.

Objective 1: Demonstrate knowledge of animal’s bodily systems.
- Skeletal
- Muscular
- Nervous
- Circulatory
- Respiratory
- Digestive
- Excretory
- Internal Secretions-Glandular
- Reproductive

Objective 2: Demonstrate knowledge of dogs, horse and cats senses.
- Smell
- Taste
- Hearing
- Touch
- Sight

Objective 3: Demonstrate knowledge of common diseases and parasites.
- Understand how disease are transmitted.
- Understand common diseases in dogs horses and cats.
- Understand vaccinations protocols in dogs, horses and cats.

Objective 4: Demonstrate a knowledge of basic First Aid and CPR with small animals.
- Understand and demonstrate CPR.
- Understand and demonstrate First Aid techniques.
- Understand signs of an emergency.
- Demonstrate knowledge of first aid supplies and uses.

Objective 5: Demonstrate knowledge of nutritional needs of dogs horses and cats.
- Understand the basic nutritional diets for dogs, horses and cats.
- Have an understanding of some alterative diets.

Objective 6: Have an understanding of nontraditional health care.
- Could include acupuncture, massage, hydrotherapy and alterative diets.
STANDARD 5  
9% of Exam Content

♦ Students will understand reproduction processes.

Objective 1: Understand breeding cycles.
Objective 2: Understand natural breeding practices and alternative breeding practices.
Objective 3: Understand gestation.
Objective 4: Understand stages of development.

STANDARD 6  
15% of Exam Content

♦ Students will understand different methods employed to animal training, different learning styles and behavior problems of domesticated animals.

Objective 1: Understand learning theory.
   • Classical Conditioning
   • Operate Conditioning
   • Trial and Error Learning
   • Observational Learning

Objective 2: Demonstrate a knowledge of different training methods.
   • Understand methods such as luring, placement, compulsion and operate conditioning
   • Know some history about trainers in the field of animal training and their contributions

Objective 3: Demonstrate a knowledge of different behavior problems and methods of behavior modification.
   • Demonstrate knowledge of common behavior problems.
   • Demonstrate knowledge of behavior modification protocols.

STANDARD 7  
15% of Exam Content

♦ Students will understand ethology.

Objective 1: Learn about how animals use body language to communicate “Ethology”.
   • Demonstrate knowledge of ethograms.

STANDARD 8  
7% of Exam Content

♦ Students will understand animal welfare and animal rescue.

Objective 1: Demonstrate a knowledge of animal enrichment and welfare.
   • Understand that animal welfare involves both the physical health of the animals as well as their psychological well-being.
   • Understand enrichment activities for different species.
Objective 2: Demonstrate a knowledge of Animal Rescues.
- Demonstrate knowledge of different organizations involved in animal rescues.
- Demonstrate knowledge of the causes and effects animal rescues plays in a community.

STANDARD 9

ён STUDENT WILL UNDERSTAND DIFFERENT COMPETITIONS RELATING TO DOGS OR HORSES.
Objective 1: Demonstrate a knowledge of different competitions with animals.
- Dog showing.
  - What is a registration.
  - What are some of the titles and how do you earn them.
- Horse showing
  - What are some of the titles and how do you earn them.

STANDARD 10

ён STUDENTS WILL UNDERSTAND ROLES THAT ANIMALS PLAY IN THE COMMUNITY.
Objective 1: Understand the role of service animals.
Objective 2: Understand the roles between humans and their companion animals.

STANDARD 11

ён STUDENTS WILL BE EXPOSED TO A MULTITUDE OF CAREER OPPORTUNITIES THAT RELATE TO ANIMALS.