



**G-E-T High School Curriculum**  
**Align, Explore, Empower**  
Scope and Sequence  
Beginning Animal Science

Unit 1 - Animal Terminology

Length of Unit - 1 week

In this unit, students will ...

Utilize the appropriate terms related to animal species, age, gender, and life stage.

Students will correctly use the appropriate name to describe the species, age, gender and life stage of the animals they are referring to.

Standards for Beginning Animal Science

AS1.a.5.h: Evaluate and describe characteristics of animals that developed in response to the animals' environment and led to their domestication

AS1.a.6.h: Outline the development of the animal industry and the resulting products, services and careers.

Unit 2 - Species Units

Length of Unit - weekly

In this unit, students will ...

Explore the animal industries and identify their roles in society

Standards for Beginning Animal Science

AS2.a.3.m: Identify major animal species by common and scientific names

AS2.a.7.h: Appraise and evaluate the economic value of animals for various applications in the agriculture industry.

AS2.c.4.h: Compare and contrast desirable anatomical and physiological characteristics of animals within and between species.

AS2.c.6.h: Evaluate and select animals to maximize performance based on anatomical and physiological characteristics that affect health, growth and reproduction.

AS3.b.3.m: Explain the importance of biosecurity to the animal industry.

AS5.d.1.e: Explain the selection of animals for "specific traits".

AS5.d.3.h: Explain the advantages of using genetically superior animals in the production of animals and animal products.

AS5.f.11.h: Explain and demonstrate the materials, methods and processes of artificial insemination.

AS7.a.1.e: Identify animal facilities and equipment used in animal husbandry.

Unit 3 - Feeds and Nutrition

Length of Unit - 1 week

In this unit, students will ...

Evaluate feed stuffs and diets to meet animal's needs based on age, and daily energy expenditures.

#### Standards for Beginning Animal Science

AS4.a.2.m: Compare and contrast common types of feedstuffs and the roles they play in the diets of animals.

AS4.a.6.h: Select appropriate feedstuffs for animals based on factors such as economics, digestive system and nutritional needs.

AS3.a.8.h: Perform simple health-check evaluations on animals.

Unit 4 - Animal Behavior

Length of Unit - 2 weeks

- This could be a narrative of what is being taught \_\_\_ in course

In this unit, students will ...

Demonstrate safe animal handling and management practices.

#### Standards for Beginning Animal Science

AS6.a.1.e: Demonstrate safe practices around animals.

AS6.a.2.m: Discuss the dangers involved in working with animals.

AS6.a.4.h: Outline safety procedures for working with animals by species.

AS7.a.3.m: Identify equipment and handling facilities used in modern animal production.