



First Grade
Outreach Programs
TEKS

First Grade Animal Program:

§112.12. Science, Grade 1, Beginning with School Year 2010-2011.

(b) Knowledge and skills.

(2) Scientific investigation and reasoning. The student develops abilities to ask questions and seek answers in classroom and outdoor investigations. The student is expected to:

(A) ask questions about organisms, objects, and events observed in the natural world;

(3) Scientific investigation and reasoning. The student knows that information and critical thinking are used in scientific problem solving. The student is expected to:

(A) identify and explain a problem such as finding a home for a classroom pet and propose a solution in his/her own words;

(4) Scientific investigation and reasoning. The student uses age-appropriate tools and models to investigate the natural world. The student is expected to:

B) measure and compare organisms and objects using non-standard units.

(9) Organisms and environments. The student knows that the living environment is composed of relationships between organisms and the life cycles that occur. The student is expected to:

(A) sort and classify living and nonliving things based upon whether or not they have basic needs and produce offspring;

(B) analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver; and

(C) gather evidence of interdependence among living organisms such as energy transfer through food chains and animals using plants for shelter.

(10) Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(A) investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats;

1st Grade Dinosaur Program

§112.12. Science, Grade 1, Beginning with School Year 2010-2011.

(b) Knowledge and skills.

(2) Scientific investigation and reasoning. The student develops abilities to ask questions and seek answers in classroom and outdoor investigations. The student is expected to:

(A) ask questions about organisms, objects, and events observed in the natural world;

(3) Scientific investigation and reasoning. The student knows that information and critical thinking are used in scientific problem solving. The student is expected to:

(A) identify and explain a problem such as finding a home for a classroom pet and propose a solution in his/her own words;

(B) make predictions based on observable patterns; and

(C) describe what scientists do.

(9) Organisms and environments. The student knows that the living environment is composed of relationships between organisms and the life cycles that occur. The student is expected to:

(A) sort and classify living and nonliving things based upon whether or not they have basic needs and produce offspring;

(C) gather evidence of interdependence among living organisms such as energy transfer through food chains and animals using plants for shelter.

(10) Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(A) investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats;

§113.12. Social Studies, Grade 1, Beginning with School Year 2011-2012.

(b) Knowledge and skills.

(3) History. The student understands the concepts of time and chronology. The student is expected to:

(A) distinguish among past, present, and future;

1st Grade Fossil Program:

§112.12. Science, Grade 1, Beginning with School Year 2010-2011.

(2) Scientific investigation and reasoning. The student develops abilities to ask questions and seek answers in classroom and outdoor investigations. The student is expected to:

(A) ask questions about organisms, objects, and events observed in the natural world;

(3) Scientific investigation and reasoning. The student knows that information and critical thinking are used in scientific problem solving. The student is expected to:

(C) describe what scientists do.

(5) Matter and energy. The student knows that objects have properties and patterns. The student is expected to:

(A) classify objects by observable properties of the materials from which they are made such as larger and smaller, heavier and lighter, shape, color, and texture; and

(10) Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments. The student is expected to:

(A) investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats;

§113.12. Social Studies, Grade 1, Beginning with School Year 2011-2012.

(3) History. The student understands the concepts of time and chronology. The student is expected to:

(A) distinguish among past, present, and future;

1st Grade Geology Program:

§112.12. Science, Grade 1, Beginning with School Year 2010-2011.

(2) Scientific investigation and reasoning. The student develops abilities to ask questions and seek answers in classroom and outdoor investigations. The student is expected to: (A) ask questions about organisms, objects, and events observed in the natural world;

(3) Scientific investigation and reasoning. The student knows that information and critical thinking are used in scientific problem solving. The student is expected to:

- (B) make predictions based on observable patterns; and
- (C) describe what scientists do

(4) Scientific investigation and reasoning. The student uses age-appropriate tools and models to investigate the natural world. The student is expected to:

(A) collect, record, and compare information using tools, including computers, hand lenses, primary balances, cups, bowls, magnets, collecting nets, notebooks, and safety goggles; timing devices, including clocks and timers; non-standard measuring items such as paper clips and clothespins; weather instruments such as classroom demonstration thermometers and wind socks; and materials to support observations of habitats of organisms such as aquariums and terrariums; and

(5) Matter and energy. The student knows that objects have properties and patterns. The student is expected to:

(A) classify objects by observable properties of the materials from which they are made such as larger and smaller, heavier and lighter, shape, color, and texture; and

(6) Force, motion, and energy. The student knows that force, motion, and energy are related and are a part of everyday life. The student is expected to:

(A) identify and discuss how different forms of energy such as light, heat, and sound are important to everyday life;

(7) Earth and space. The student knows that the natural world includes rocks, soil, and water that can be observed in cycles, patterns, and systems. The student is expected to:

(C) gather evidence of how rocks, soil, and water help to make useful products.

First Grade Astronomy Program:

§112.12. Science, Grade 1, Beginning with School Year 2010-2011.

(2) Scientific investigation and reasoning. The student develops abilities to ask questions and seek answers in classroom and outdoor investigations. The student is expected to:

(A) ask questions about organisms, objects, and events observed in the natural world;

(E) communicate observations and provide reasons for explanations using student-generated data from simple descriptive investigations.

(5) Matter and energy. The student knows that objects have properties and patterns. The student is expected to:

(A) classify objects by observable properties of the materials from which they are made such as larger and smaller, heavier and lighter, shape, color, and texture;

(8) Earth and space. The student knows that the natural world includes the air around us and objects in the sky. The student is expected to:

(B) observe and record changes in the appearance of objects in the sky such as clouds, the Moon, and stars, including the Sun;

(C) identify characteristics of the seasons of the year and day and night;

First Grade Native Americans Program:

§113.12. Social Studies, Grade 1, Beginning with School Year 2011-2012.

(5) Geography. The student understands the purpose of maps and globes. The student is expected to:

(B) locate the community, Texas, and the United States on maps and globes

(6) Geography. The student understands various physical and human characteristics. The student is expected to:

(B) identify examples of and uses for natural resources in the community, state, and nation; and