

Process Standards (Scientific Investigation and Reasoning Skills)	
1.1	Scientific investigation and reasoning. The student conducts classroom and outdoor investigations following home and school safety procedures and uses environmentally appropriate and responsible practices.
1.2	Scientific investigation and reasoning. The student develops abilities to ask questions and seek answers in classroom and outdoor investigations.
1.3	Scientific investigation and reasoning. The student knows that information and critical thinking are used in scientific problem solving.
1.4	Scientific investigation and reasoning. The student uses age-appropriate tools and models to investigate the natural world.
Tools to Know	Ways to Show
1.1(A) identify, discuss, and demonstrate safe and healthy practices as outlined in Texas Education Agency-approved safety standards during classroom and outdoor investigations, including wearing safety goggles or chemical splash goggles, as appropriate, washing hands, and using materials appropriately	1.2(C) collect data and make observations using simple tools
1.1(B) identify and learn how to use natural resources and materials, including conservation and reuse or recycling of paper, plastic, and metals	1.2(D) record and organize data using pictures, numbers, and words
1.2(A) ask questions about organisms, objects, and events observed in the natural world	1.2(E) communicate observations and provide reasons for explanations using student-generated data from simple descriptive investigations
1.2(B) plan and conduct simple descriptive investigations	1.3(A) identify and explain a problem and propose a solution
1.4(A) collect, record, and compare information using tools, including computers, hand lenses, primary balances, cups, bowls, magnets, collecting nets, notebooks, and safety goggles or chemical splash goggles, as appropriate; timing devices; non-standard measuring items; weather instruments such as demonstration thermometers and wind socks; and materials to support observations of habitats of organisms such as aquariums and terrariums	1.3(B) make predictions based on observable patterns
1.4(B) measure and compare organisms and objects using non-standard units	1.3(C) describe what scientists do

Knowledge and Skills Statements	
1.5	Matter and energy. The student knows that objects have properties and patterns.
1.6	Force, motion, and energy. The student knows that force, motion, and energy are related and are a part of everyday life.
1.7	Earth and space. The student knows that the natural world includes rocks, soil, and water that can be observed in cycles, patterns, and systems.
1.8	Earth and space. The student knows that the natural world includes the air around us and objects in the sky.
1.9	Organisms and environments. The student knows that the living environment is composed of relationships between organisms and the life cycles that occur.
1.10	Organisms and environments. The student knows that organisms resemble their parents and have structures and processes that help them survive within their environments.

Rptg Cat	Readiness Standards	Supporting Standards
1 Matter and Energy	1.5(A)* classify objects by observable properties such as larger and smaller, heavier and lighter, shape, color, and texture	1.5(B)* predict and identify changes in materials caused by heating and cooling 1.5(C)* classify objects by the materials from which they are made
2 Force, Motion, and Energy	1.6(A)* identify and discuss how different forms of energy such as light, thermal, and sound are important to everyday life	1.6(B)* predict and describe how a magnet can be used to push or pull an object 1.6(C) demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow
3 Earth and Space	1.7(A)* observe, compare, describe, and sort components of soil by size, texture, and color 1.8(A)* record weather information, including relative temperature such as hot or cold, clear or cloudy, calm or windy, and rainy or icy 1.8(B)* observe and record changes in the appearance of objects in the sky such as the Moon and stars, including the Sun	1.7(B) identify and describe a variety of natural sources of water, including streams, lakes, and oceans 1.7(C) identify how rocks, soil, and water are used to make products 1.8(C)* identify characteristics of the seasons of the year and day and night 1.8(D) demonstrate that air is all around us and observe that wind is moving air
4 Organisms and Environments	1.9(C)* gather evidence of interdependence among living organisms such as energy transfer through food chains or animals using plants for shelter 1.10(A)* investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats 1.10(D)* observe and record life cycles of animals such as a chicken, frog, or fish	1.9(A) sort and classify living and nonliving things based upon whether they have basic needs and produce offspring 1.9(B) analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver 1.10(B) identify and compare the parts of plants 1.10(C)* compare ways that young animals resemble their parents

NOTE: The classification of standards on this TEKS Snapshot represents the reviewed and synthesized input of a sample of Texas Science teachers. This TEKS Snapshot DOES NOT represent a publication of the Texas Education Agency. District curriculum materials may reflect other classifications.