Process Standards (Scientific Investigation and Reasoning Skills)

1.1.A	recognize and demonstrate safe practices as described in the Texas Safety Standards during classroom and outdoor investigations, including wearing safety goggles, washing hands, and using materials appropriately
1.1.B	recognize the importance of safe practices to keep self and others safe and healthy
1.1.C	identify and learn how to use natural resources and materials, including conservation and reuse or recycling of paper, plastic, and metals
1.2.A	ask questions about organisms, objects, and events observed in the natural world
1.2.B	plan and conduct simple descriptive investigations such as ways objects move
1.2.C	collect data and make observations using simple equipment such as hand lenses, primary balances, and nonstandard measurement tools
1.2.D	record and organize data using pictures, numbers, and words
1.2.E	communicate observations and provide reasons for explanations using student-generated data from simple descriptive investigations
1.3.A	identify and explain a problem such as finding a home for a classroom pet and propose a solution in his/her own words
1.3.B	make predictions based on observable patterns
1.3.C	describe what scientists do
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; timing devices, including clocks and timers; nonstandard 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
1.4.B	measure and compare organisms and objects using non-standard units

Rptg Cat	Readiness Standards		Supporting Standards	
1 Matter and Energy	1.5(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	1.5(B)*	predict and identify changes in materials caused by heating and cooling such as ice melting, water freezing, and water evaporating
2 Force, Motion, and Energy	1.6(A)*	identify and discuss how different forms of energy such as light, heat, and sound are important to everyday life	1.6(B)* 1.6(C) 1.6(D)	predict and describe how a magnet can be used to push or pull an object describe the change in the location of an object such as closer to, nearer to, and farther from 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)* 1.8(A)* 1.8(C)	observe, compare, describe, and sort components of soil by size, texture, and color record weather information, including relative temperature, such as hot or cold, clear or cloudy, calm or windy, and rainy or icy identify characteristics of the seasons of the year and day and night	1.7(B) 1.7(C) 1.8(B)* 1.8(D)	identify and describe a variety of natural sources of water, including streams, lakes, and oceans gather evidence of how rocks, soil, and water help to make useful products observe and record changes in the appearance of objects in the sky such as clouds, the Moon, and stars, including the Sun demonstrate that air is all around us and observe that wind is moving air
4 Organisms and Environments	1.9(C)* 1.10(A)*	gather evidence of interdependence among living organisms such as energy transfer through food chains and animals using plants for shelter investigate how the external characteristics of an animal are related to where it lives, how it moves, and what it eats	1.9(A) 1.9(B) 1.10(B) 1.10(C)* 1.10(D)*	sort and classify living and nonliving things based upon whether or not they have basic needs and produce offspring analyze and record examples of interdependence found in various situations such as terrariums and aquariums or pet and caregiver identify and compare the parts of plants compare ways that young animals resemble their parents observe and record life cycles of animals such as a chicken, frog, or fish

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.