

Reporting Category	Readiness Standards	Supporting Standards
1 Matter and Energy	K.5.A observe and record properties of objects, including relative size and mass, such as bigger or smaller and heavier or lighter, shape, color, and texture*	K.5.B observe, record, and discuss how materials can be changed by heating or cooling*
2 Force, Motion, and Energy	K.6.C observe and describe the location of an object in relation to another such as above, below, behind, in front of, and beside	K.6.A use the five senses to explore different forms of energy such as light, heat, and sound* K.6.B explore interactions between magnets and various materials* K.6.D observe and describe the ways that objects can move such as in a straight line, zigzag, up and down, back and forth, round and round, and fast and slow
3 Earth and Space	K.7.A observe, describe, compare, and sort rocks by size, shape, color, and texture K.8.B identify events that have repeating patterns, including seasons of the year and day and night*	K.7B observe and describe physical properties of natural sources of water, including color and clarity K.7.C give examples of ways rocks, soil, and water are useful K.8.A observe and describe weather changes from day to day and over seasons* K.8.C observe, describe, and illustrate objects in the sky such as the clouds, Moon, and stars, including the Sun*
4 Organisms and Environments	K.9.A differentiate between living and nonliving things based upon whether they have basic needs and produce offspring K.10.A sort plants and animals into groups based on physical characteristics such as color, size, body covering, or leaf shape*	K.9.B examine evidence that living organisms have basic needs such as food, water, and shelter for animals and air, water, nutrients, sunlight, and space for plants K.10.B identify parts of plants such as roots, stem, and leaves and parts of animals such as head, eyes, and limbs* K.10.C identify ways that young plants resemble the parent plant* K.10.D observe changes that are part of a simple life cycle of a plant: seed, seedling, plant, flower, and fruit*

Process Standards (Scientific investigation and Reasoning Skills)

- K.1.A identify 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
- K.1.B discuss the importance of safe practices to keep self and others safe and healthy
- K.1.C demonstrate how to use, conserve, and dispose of natural resources and materials such as conserving water and reusing or recycling paper, plastic, and metal
- K.2.A ask questions about organisms, objects, and events observed in the natural world
- K.2.B plan and conduct simple descriptive investigations such as ways objects move
- K.2.C collect data and make observations using simple equipment such as hand lenses, primary balances, and nonstandard measurement tools
- K.2.D record and organize data and observations using pictures, numbers, and words
- K.2.E communicate observations with others about simple descriptive investigations
- K.3.A identify and explain a problem such as the impact of littering on the playground and propose a solution in his/her own words
- K.3.B make predictions based on observable patterns in nature such as the shapes of leaves
- K.3.C explore that scientists investigate different things in the natural world and use tools to help in their investigations
- K.4.A collect information using tools, including computers, hand lenses, primary balances, cups, bowls, magnets, collecting nets, and notebooks; timing devices, including clocks and timers; non-standard measuring items such as paper clips and clothespins; weather instruments such as demonstration thermometers and wind socks; and materials to support observations of habitats of organisms such as terrariums and aquariums
- K.4.B use senses as a tool of observation to identify properties and patterns of organisms, objects, and events in the environment

* = Aligned with STAAR Assessed Curriculum at Grade 5

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.*