

Notes

- Aligned items address content included within a student expectation. However, many items do not address all aspects of the student expectation (i.e. SEPs and RTCs connections).
- Partially aligned items do not fully align with TEKS adopted in 2021.

2021 TEKS	2017 TEKS	Aligned	Partially Aligned	Not Aligned	Notes
Matter and Energy					
(6) The student knows that matter has measurable physical properties that determine how matter is identified, classified, changed, and used. The student is expected to:					
A. measure, test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float in water;	3(5)(A)	1 2 3 4 5 6			
B. describe and classify samples of matter as solids, liquids, and gases and demonstrate that solids have a definite shape and that liquids and gases take the shape of their container;	3(5)(B)	7 8 9 10 11 12			
C. predict, observe, and record changes in the state of matter caused by heating or cooling in a variety of substances such as ice becoming liquid water, condensation forming on the outside of a glass, or liquid water being heated to the point of becoming water vapor (gas); and	3(5)(C)	13 14 15 16 17			
D. demonstrate that materials can be combined based on their physical properties to create or modify objects such as building a tower or adding clay to sand to make a stronger brick and justify the selection of materials based on their physical properties.	NEW				
	3(5)(D) 2017			18 19 20 21 22	This standard (mixtures) was removed in 2021.

2021 TEKS	2017 TEKS	Aligned	Partially Aligned	Not Aligned	Notes
Force, Motion, and Energy (7) The student knows the nature of forces and the patterns of their interactions. The student is expected:					
A. demonstrate and describe forces acting on an object in contact or at a distance, including magnetism, gravity, and pushes and pulls; and	3(6)(C)	36 37 38 39	34 35		Spring scales are not listed as a tool for grade 3 but can be used to measure force.
B. plan and conduct a descriptive investigation to demonstrate and explain how position and motion can be changed by pushing and pulling objects such as swings, balls, and wagons.	3(6)(B)	29 30 31 32 33		30a 32a	Pulleys and the concept of work were removed during 2017 streamlining.
Force, Motion, and Energy (8) The student knows that energy is everywhere and can be observed in cycles, patterns, and systems. The student is expected to:					
A. identify everyday examples of energy, including light, sound, thermal, and mechanical; and	3(6)(A)	23 24 25 26 27 28			
B. plan and conduct investigations that demonstrate how the speed of an object is related to its mechanical energy.	NEW				

2021 TEKS	2017 TEKS	Aligned	Partially Aligned	Not Aligned	Notes
Earth and Space					
(9) The student knows there are recognizable objects and patterns in Earth's solar system. The student is expected to:					
A. construct models and explain the orbits of the Sun, Earth, and Moon in relation to each other; and	3(8)(C)	65 66 67 68 69			
B. identify the order of the planets in Earth's solar system in relation to the Sun.	3(8)(D)	70 71 72 73 74			
(10) The student knows that there are recognizable processes that change Earth over time. The student is expected to:					
A. compare and describe day-to-day weather in different locations at the same time, including air temperature, wind direction, and precipitation;	3(8)(A)	55 56 57 58 59			
B. investigate and explain how soils such as sand and clay are formed by weathering of rock and by decomposition of plant and animal remains; and	3(7)(A)	40 41 42 43 44			
C. model and describe rapid changes in Earth's surface such as volcanic eruptions, earthquakes, and landslides.	3(7)(B)	45 46 47 48 49			

2021 TEKS	2017 TEKS	Aligned	Partially Aligned	Not Aligned	Notes
Earth and Space (11) The student understands how natural resources are important and can be managed. The student is expected to:					
A. explore and explain how humans use natural resources such as in construction, in agriculture, in transportation, and to make products;	3(7)(C)	50 51 52			
B. explain why the conservation of natural resources is important; and	3(1)(B)				
C. identify ways to conserve natural resources through reducing, reusing, or recycling.	3(1)(B)	53 54			
	3(8)(B) 2017			60 61 62 63 64 60a 61a 62a	This standard (Sun as a star) was moved to second grade in 2021. The water cycle was removed during 2017 streamlining.
	3(7)(C) 2010			51a 52a 53a 54a	This standard (landforms) was removed during 2017 streamlining.

2021 TEKS	2017 TEKS	Aligned	Partially Aligned	Not Aligned	Notes
Organisms and Environments					
(12) The student describes patterns, cycles, systems, and relationships within environments. The student is expected to:					
A. explain how temperature and precipitation affect animal growth and behavior through migration and hibernation and plant responses through dormancy;	2(9)(B)				This standard was moved from second grade.
B. identify and describe the flow of energy in a food chain and predict how changes in a food chain such as removal of frogs from a pond or bees from a field affect the ecosystem;	3(9)(B)	81 82 83 84 85			
C. describe how natural changes to the environment such as floods and droughts cause some organisms to thrive and others to perish or move to new locations; and	3(9)(C)	86 87 88 89 90			
D. identify fossils as evidence of past living organisms and environments, including common Texas fossils.	5(9)(D)				This standard was moved from fifth grade.
(13) The student knows that organisms undergo similar life processes and have structures that function to help them survive within their environments. The student is expected to:					
A. explore and explain how external structures and functions of animals such as the neck of a giraffe or webbed feet on a duck enable them to survive in their environment; and	3(10)(A)	91 92 93 95		94	
B. explore, illustrate, and compare life cycles in organisms such as beetles, crickets, radishes, or lima beans.	4(10)(C)		96 97 98 99 100		This standard was moved from fourth grade. However, 2021 TEKS 3(10)(C) partially aligns.

2021 TEKS	2017 TEKS	Aligned	Partially Aligned	Not Aligned	Notes
Organisms and Environments					
	3(9)(A) 2017			75 76 77 78 79 80	This standard (populations and communities) was removed in 2021.
	3(10)(B) 2010			96a 97a 98a 99a 100a	This standard (traits and behaviors) was removed during 2017 streamlining.

2021 TEKS	# of WUTS		
	Aligned	Partially Aligned	Not Aligned
Matter and Energy	17	0	5
Force, Motion, and Energy	15	2	2
Earth and Space	30	0	12
Organisms and Environments	14	5	12
TOTAL PERCENTAGE	67%	6%	27%