

Essential Resources		District Resources to Teach 100% of the TEKS: STEMscopes, Discovery Education, Brain Pop and Brain Pop, Jr., HMH Connected reading materials									
Spiraled TEKS		Scientific Investigations & Reasoning 4.1A & B, 4.2A, B, C, D, E & F, 4.3A, B & C & 4.4A									
Timeline		1st Quarter Aug 23 - Oct 15, 2021					2nd Quarter Oct 19 - Dec 17, 2021				
Reporting Category		Matter & Energy					Force, Motion & Energy/Earth & Space				
Big Idea	Current Grade	Science Introduction Properties of Matter Mixtures					Forms of Energy Electricity Force Properties of Soil				
TEKS	Current Grade	4.1A & B, 4.3C & 4.4A journals, lab safety, and it's importance, connect concepts with history, careers and contributions of scientists & make informed choices about recycling and reusing natural resources			4.5A measure, compare & contrast physical properties	4.5B compare & contrast a variety of mixtures & solutions	4.6A differentiate among forms of energy	4.6B & C conductors vs. insulators, the closed path of electricity & circuits	4.6D descriptive investigation design testing the effects of force on an object	4.7A* properties of soil	
	Pre-Assessing TEKS	3.1A, 3.1B, 3.3C, 3.4A, 2.1A, 2.1B, 2.2F, 2.3C & 2.4A			3.5A & 2.5A	3.5D	3.6A & 2.6A		3.6C & 2.6C	3.7A & 2.7A	
Timeline		3rd Quarter Jan 4 - March 11, 2021					4th Quarter March 21 - May 28, 2022				
Reporting Category		Earth & Space					Organisms & Environments				
Big Idea	Current Grade	Renewable and Nonrenewable Resources Changes to Earth's Surface Weather Water Cycle Patterns					Food Webs Adaptations Inherited Traits and Learned Behaviors Life Cycles				
TEKS	Current Grade	4.7B slow changes in Earth's surface	4.7C* identify & classify Earth's renewable resources	4.8A* changes in weather	4.8B* movement of water above & on Earth's surface relevant to the water cycle, and the role of the Sun	4.8C* identify sequences & predict patterns of change in shadows, seasons, & observable appearance of the Moon	4.9A & B needs of producers & consumers, and flow of energy through food webs & the impact of ecosystem change		4.10A structures & functions and organism survival	4.10B inherited traits vs. learned behavior	4.10C explore, illustrate & compare life cycles such as beetles, crickets, radishes, or lima beans
	Pre-Assessing TEKS	3.7B	3.7C & 2.7C	3.8A, 2.8A & 2.8B	3.8B	3.8C & 2.8C	3.9A, 3.9B, 2.9A & 2.9C		3.10A, 2.10A & 2.10B		3.10B & 2.10C

s are bolded * standard eligible for assessment on Grade 5 STAAR