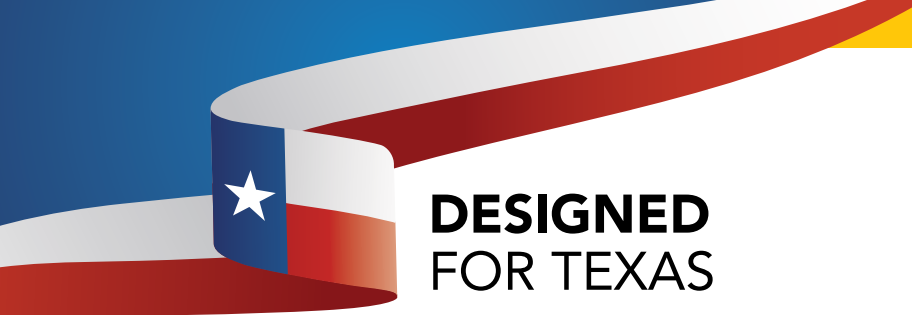
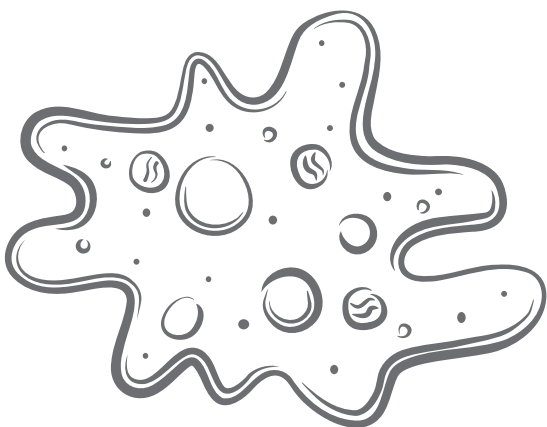




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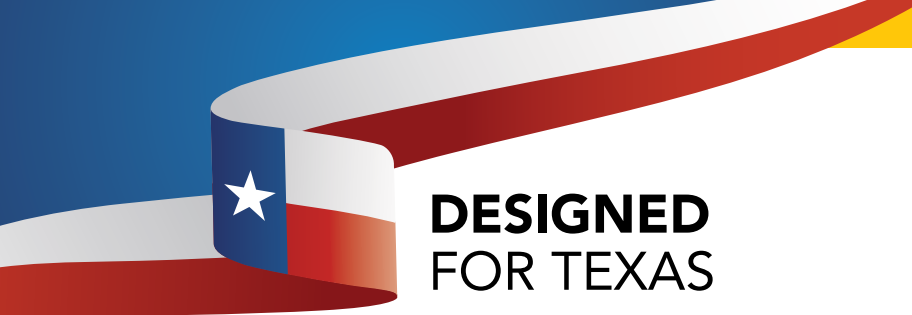
TEKS-Aligned Scope and Sequence



GRADE 6	TEKS, SEPs, and RTCs
SEPs and Themes Preview	1–5
TOPIC 1 Properties and Changes of Matter	
1 States of Matter	6.6A, 6.1A, 6.3A, 6.5A
2 Physical Properties of Matter	6.6B, 6.6D, 6.1D, 6.5A
3 Metals, Nonmetals, and Metalloids	6.6C, 6.1D, 6.2B, 6.3A, 6.4C, 6.5A
4 Identifying Chemical Changes	6.6E, 6.1D, 6.2B, 6.5B
TOPIC 2 Exploring Forces	
1 Types of Forces	6.7A, 6.1B, 6.1C, 6.1D, 6.1F, 6.5B
2 Measuring Forces	6.7A, 6.7B, 6.7C, 6.1B, 6.5C
TOPIC 3 Energy	
1 Kinetic and Gravitational Potential Energy	6.8A, 6.4B, 6.5C
2 Other Types of Potential Energy	6.8A, 6.1B, 6.1C, 6.1F, 6.5B
3 Waves and Energy Transfer	6.8C, 6.1G, 6.3A, 6.5E, 6.5F
4 Conservation of Energy	6.8B, 6.1E, 6.3A, 6.5E
TOPIC 4 Earth-Sun-Moon System	
1 Earth’s Movement and the Seasons	6.9A, 6.1C, 6.3B, 6.5E, 6.5G
2 Tides	6.9B, 6.2B, 6.5A
TOPIC 5 Earth’s Structure	
1 Earth’s Spheres	6.10A, 6.1A, 6.1G, 6.2A, 6.5D, 6.5E
2 Earth’s Layers	6.10B, 6.1G, 6.2A, 6.3C, 6.5A, 6.5E
3 The Rock Cycle	6.10C, 6.3B, 6.5B, 6.5E, 6.5G

GRADE 7	TEKS, SEPs, and RTCs
SEPs and Themes Preview	1–5
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2 Changes in Matter	7.6C, 7.3A, 7.5E
3 Solutions	7.6D, 7.1B, 7.1F, 7.1G, 7.5B
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2 Analyzing and Object's Motion	7.7C, 7.1E, 7.2C, 7.5A
3 Newton's First Law of Motion	7.7D, 7.1B, 7.3B, 7.5G
TOPIC 3 Thermal Energy	
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2 Thermal Energy Transfer	7.8A, 7.1G, 7.3A, 7.5E
3 Thermal Energy and Equilibrium	7.8B, 7.1E, 7.1G, 7.5A, 7.5E
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2 Gravity and Motion in the Solar System	7.9B, 7.1B, 7.1G, 7.2A, 7.5B
3 Life and Earth	7.9C, 7.2B, 7.4A, 7.4C, 7.5G
TOPIC 5 Plate Tectonics	
1 Evidence of Earth's Change Over Time	7.10A, 7.1F, 7.1H, 7.3A, 7.5A
2 Plate Tectonics and Earth's Surface	7.10A, 7.10B, 7.2B, 7.5B
3 Earthquakes	7.10B, 7.1G, 7.5B
4 Volcanoes	7.10B, 7.1A, 7.1G, 7.5B

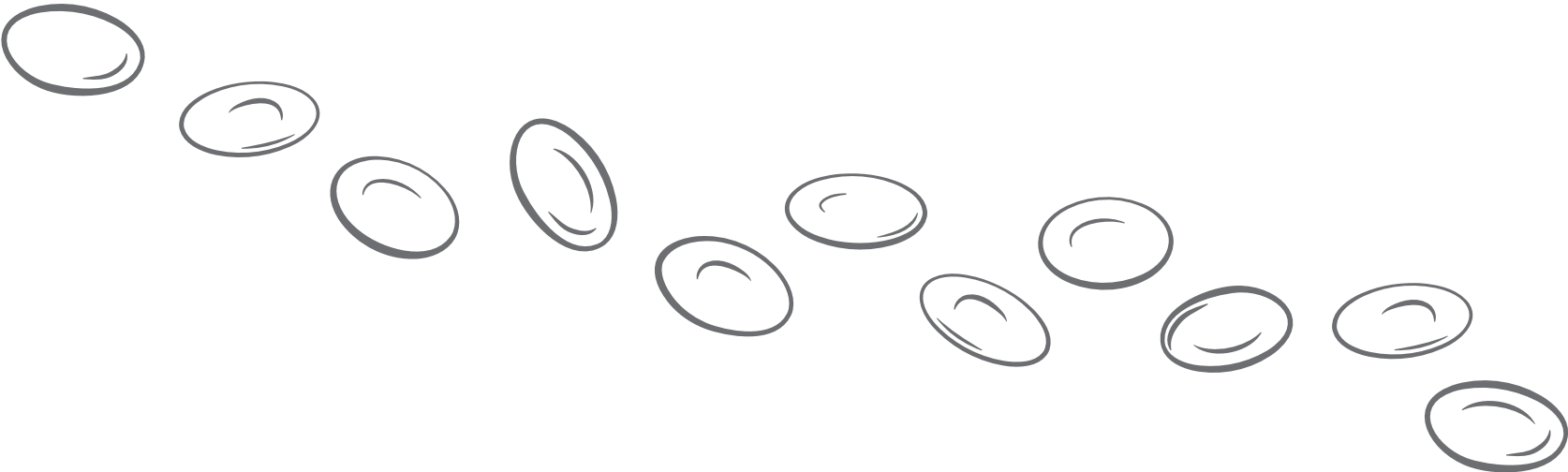
GRADE 8	TEKS, SEPs, and RTCs
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TOPIC 1 Matter and Chemical Reactions	
1 Classification of Matter	8.6A, 8.1E, 8.1G, 8.2A, 8.5B
2 Properties of Water	8.6C, 8.1E, 8.1F, 8.5B
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1 Characteristics of Waves	8.8A, 8.1A, 8.2B, 8.5A
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TEKS-Aligned Scope and Sequence continued

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TOPIC 6 Managing Earth’s Resources	
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4 Energy Resources	6.11A, 6.11B, 6.2B, 6.4C, 6.5G
TOPIC 7 Introduction to Living Things	
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2 Characteristics of Living Things	6.13B, 6.1D, 6.2B, 6.5A, 6.5F
TOPIC 8 Organisms and Ecosystem	
1 Ecosystem Organization	6.12C, 6.1A, 6.1B, 6.1G, 6.5D
2 Competition Among Organisms	6.12A, 6.12B, 6.3C, 6.5G
3 Interactions in Ecosystems	6.12B, 6.1G, 6.3A, 6.3B, 6.4B, 6.5A
4 Variations in Populations	6.13C, 6.1F, 6.2B, 6.5F, 6.5G



GRADE 7	TEKS, SEPs, and RTCs
TOPIC 6 Water and Human Activity	
1 Surface Water	7.11A, 7.1B, 7.2B, 7.2C, 7.2D, 7.5B
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3 Importance of Oceans	7.11B, 7.3A, 7.3B, 7.3C, 7.5D
TOPIC 7 Body Systems Organization, Communication, and Movement	
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3 The Endocrine and Reproductive Systems	7.13A, 7.1G, 7.2A, 7.5D, 7.5F
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3 The Integumentary and Immune Systems	7.13A, 7.1G, 7.1F, 7.4A, 7.4B, 7.5D
TOPIC 9 Inheritance and Changes in Populations	
1 How Traits Are Passed	7.13C, 7.1G, 7.3A, 7.5B
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TOPIC 10 Classification	
1 Taxonomy	7.14A, 7.2B, 7.5A
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TOPIC 11 Matter and Energy in Ecosystems	
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GRADE 8	TEKS, SEPs, and RTCs
TOPIC 6 Impacts on Global Climate	
1 Natural Factors that Influence Climate	8.11A, 8.11B, 8.11C, 8.1D, 8.1G, 8.2D, 8.5E
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TOPIC 7 Cell Structures, Inheritance, and Survival	
1 Functions of Cell Structures	8.13A, 8.13B, 8.1F, 8.5D, 8.5F
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TOPIC 8 Ecosystems and Population Change	
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