

Region 4 Science Products
Grade 8

Streamlined 2018 TEKS <i>Crossed-out items do not correlate to these TEKS.</i>	2010 TEKS	STAAR Review to Go Activities	STAAR Review to Go Volume 2 Activities	Warm Up to Science Activities	Supporting STAAR Achievement Lessons	Gateways to Science Lessons
Matter and Energy						
8.5A	8.5A		Activity 1: Atomic Structure	1–5		2.2 Atomic Structure 2.3 Determining Subatomic Particles 2.4 The Bohr Model and Val. Elec.
8.5B	8.5B		Activity 2: Properties of Elements	6–9	Lesson 1: Element Identities	2.2 Atomic Structure 2.3 Determining Subatomic Particles 2.4 The Bohr Model and Val. Elec. 2.5 The Periodic Table
8.5C	8.5C	Activity 1: Periodic Table		10–13		2.5 The Periodic Table 2.6 Periodic Table Families
8.5D	8.5D	Activity 2: Interpreting Chemical Formulas		14–17	Lesson 2: Figuring Out Formulas	2.7 Compounds and Chemical Form. 2.8 Analyzing Chemical Formulas 2.9 Chemical Changes in Compounds 2.10 Chemical Equations*
8.5E	8.5E			18–20		2.9 Chemical Changes in Compounds 2.11 Law of Conservation of Mass*
-----	8.5F			21–26		2.10 Chemical Equations* 2.11 Law of Conservation of Mass*
Force, Motion, and Energy						
8.6A	8.6A		Activity 3: Changes in Motion	27–29	Lesson 4: A Change Is Going to Come	3.2 Balanced and Unbalanced Forces
8.6B	8.6B			30–35		3.1 Speed, Velocity, and Acceleration
8.6C	8.6C		Activity 4: Force, Mass, and Acceleration	36–40	Lesson 5: Moving Right Along	3.3 Newton's Second Law of Motion 3.4 Newton's First Law of Motion 3.5 Newton's Third Law of Motion 3.6 Application of Newton's Law

**Portions of indicated activities support the streamlined TEKS while some portions are no longer aligned.*

Region 4 Science Products
Grade 8

Streamlined 2018 TEKS <i>Crossed-out items do not correlate to these TEKS.</i>	2010 TEKS	STAAR Review to Go Activities	STAAR Review to Go Volume 2 Activities	Warm Up to Science Activities	Supporting STAAR Achievement Lessons	Gateways to Science Lessons
Earth and Space						
8.7A	8.7A	Activity 5: Seasons		41–44		4.5 Movements through Space 4.6 Seasons
8.7B	8.7B	Activity 6: Lunar Cycle	Activity 5: Moon Data	45–50	Lesson 6: It's Just a Phase	4.7 Moon Phases
8.7C	8.7C			51–53		4.8 Tides
8.8A	8.8A		Activity 6: Objects in Space	54–56	Lesson 7: Trekking Through the Universe	4.3 Components of the Universe 4.4 Char. of Stars and the HR Diag.
8.8B	8.8B			57–58		4.2 Distances in Space* 4.4 Char. of Stars and the HR Diag. 4.5 Movements through Space
8.8C	8.8C			59–60		4.1 Exploring the EM Spectrum 4.4 Char. of Stars and the HR Diag.
-----	8.8D			61–62		4.2 Distances in Space*
8.8D	8.8E			63		4.2 Distances in Space*
8.9A	8.9A			64–66		5.5 Evidence of the Plate Tec. Theory
8.9B	8.9B	Activity 7: Crustal Features		67–71		5.6 Determining Plate Boundaries 3.6 Applications of Newton's Laws
8.9C	8.9C	Activity 8: Topographic Maps	Activity 7: Satellite Views	72–75	Lesson 8: Land Over Time	5.7 Topographic and Satellite Maps
8.10A	8.10A			76–79		5.1 Unequal Heating in the Oceans 5.2 Winds and Air Pressure
8.10B	8.10B			80–83		5.3 Air Masses and Fronts 5.4 Weather Maps
8.,10C	8.10C			84–85		5.4 Weather Maps

**Portions of indicated activities support the streamlined TEKS while some portions are no longer aligned.*

Region 4 Science Products
Grade 8

Streamlined 2018 TEKS <i>Crossed-out items do not correlate to these TEKS.</i>	2010 TEKS	STAAR Review to Go Activities	STAAR Review to Go Volume 2 Activities	Warm Up to Science Activities	Supporting STAAR Achievement Lessons	Gateways to Science Lessons
Organisms and Environments						
-----	8.11A		Activity 9: Ecological Relationships	86–91		6.1 Energy in Ecosystems 6.2 Relationships in Food Webs
8.11A	8.11B		Activity 10: Competition	92–95	Lesson 9: Dependence and Competition	6.3 Biotic and Abiotic Factors in Eco.
8.11B	8.11C			96–98	Lesson 10: Who's A Survivor?	6.4 Changes in the Environment
8.11C	8.11D			99–100		6.5 The Human Factor

**Portions of indicated activities support the streamlined TEKS while some portions are no longer aligned.*