Grade 7 Science	Year At A Glance (YAG)	2025-2026

1st Nine Weeks August 13 - October 9 — 41 Total Days

August 13 - August 15 (3 Instr. Days) **First 3 Days**	Setting up Science Journals Science Safety	
August 18 - August 22 (5 Instr. Days) **SEPS and Themes Preview**	**SEPS: 7.1A, 7.1B, 7.1C, 7.1D, 7.1E, 7.1F, 7.1G, 7.1H, 7.2A, 7.2B, 7.2C, 7.2D, 7.3A, 7.3B, 7.3C, 7.4A, 7.4B, 7.4C** **RTCs: 7.5A, 7.5B, 7.5C, 7.5D, 7.5E, 7.5F, 7.5G**	
August 25 - September 12 (14 Instr. Days) **Unit/Topic 4: The Solar System** • Objects in the Solar System • Gravity and Motion in the Solar System • Life and Earth	**SEPs: 7.1A, 7.1B, 7.1E, 7.3A, 7.3B, 7.3C, 7.4A, 7.4C** **RTCs: 7.5A, 7.5B, 7.5G** **Content:** 7.9A, **7.9B**, 7.9C **Spiral Standards: 6.9A, 6.9B**	
September 15 - October 3 (15 Instr. Days) **Unit/Topic 5: Plate Tectonics** • Evidence of Earth's Change over Time • Plate Tectonics and Earth's Surface • Earthquakes • Volcanos	**SEPs: 7.1A, 7.1B, 7.1G, 7.1H, 7.3A, 7.4A** **RTCs: 7.5A, 7.5B, 7.5G** **Content: 7.10A, 7.10B** **Spiral Standards: 7.9B, 6.10B**	
October 6 - October 24 (12 Instr. Days) **Unit/Topic 6: Water and Human Activity** • Surface Water • Groundwater • The Importance of the Ocean	**SEPs: 7.1A, 7.1B, 7.1E, 7.1F, 7.1G, 7.2A, 7.2B, 7.2C, 7.2D, 7.3A, 7.3B, 7.3C, 7.4B, 7.4C** **RTCs: 7.5A, 7.5B, 7.5D** **Content: 7.11A, 7.11B** **Spiral Standards: 7.10B**	

2nd Nine Weeks October 15 - December 17 — 39 Total Days

October 6 - October 24 Continued	**See Above**	
October 27 - November 21 (18 Instr. Days) **Unit/Topic 7: Body Systems: Organization, Communication, and Movement** • Organization in Plants and Animals • The Nervous System • The Endocrine and Reproductive Systems • The Skeletal and Muscular Systems	**SEPs: 7.1A, 7.1B, 7.1E, 7.1F, 7.1G, 7.2A, 7.3A, 7.3B, 7.4A, 7.4B, 7.4C** **RTCs: 7.5B, 7.5D, 7.5F** **Content:** 7.13A, 7.13B **Spiral Standards: 7.10A, 6.12A**	
December 1 - December 12 (10 Instr. Days) **Unit/Topic 8: Body Systems: Energy and Defense** • The Circulatory and Respiratory Systems • The Digestive and Urinary Systems • The Integumentary and Immune Systems	**SEPs: 7.1A, 7.1B, 7.1F, 7.1G, 7.2A, 7.3A, 7.3B, 7.3C, 7.4A, 7.4B** **RTCs: 7.5F, 7.5D** **Content: 7.13A** **Spiral Standards: 7.11A, 6.13A**	
December 15 - 17 **FLEX** (3 Days)		

3rd Nine Weeks January 7 - March 13 — 45 Total Days

January 7 - January 30 (17 Instr. Days) **Unit/Topic 1: Matter and Solutions** • Elements and Compounds • Changes in Matter • Solutions	**SEPs: 7.1A,7.1B,7.1C,7.1D, 7.1E, 7.1F, 7.1G, 7.2B, 7.3A, 7.3B, 7.3C** **RTCs: 7.5A, 7.5B, 7.5C, 7.5E** **Content: 7.6A, 7.6B, 7.6C**, 7.6D, **7.6E** **Spiral Standards: 7.11B, 6.6C, 6.6D**	
February 2 - February 20 (13 Instr. Days) **Unit/Topic 2: Force and Motion** • Speed and Velocity • Analyzing an Object's Motion • Newton's First Law of Motion	**SEPs: 7.1A, 7.1B, 7.1E, 7.2B, 7.2C, 7.3A, 7.3B, 7.3C** **RTCs: 7.5G** **Content: 7.7A, 7.7B, 7.7C**, 7.7D **Spiral Standards: 7.6B, 7.6C**	
February 23 - March 13 (15 Instr. Days) **Unit/Topic 3: Thermal Energy** • Temperature & Kinetic Energy • Thermal Energy Transfer • Thermal Energy and Equilibrium	**SEPs: 7.1E, 7.1G** **RTCs: 7.5B, 7.5E** **Content: 7.8A, 7.8B, 7.8C** **Spiral Standards: 7.7A, 6.8B, 6.8C**	

4th Nine Weeks March 24 - May 21 — 41 Total Days

March 24 - Apr 10 (12 Instr. Days) **Unit/Topic 9: Inheritance and Changes in Populations** • How Traits are Passed • How Populations Change • Inheritance and Changes in Populations	**SEPs: 7.1A,7.1E, 7.1F, 7.1G, 7.2B, 7.3A, 7.3B, 7.3C, 7.4B** **RTCs: 7.5B, 7.5G** **Content: 7.13C, 7.13D** **Spiral Standards: 7.7C, 6.12A**	
Apr 13 -Apr. 24 (10 Instr. Days) **Unit/Topic 10: Classification** • Taxonomy • Archaea, Bacteria, and Ecosystems • Eukarya and Ecosystems	**SEPs: 7.1A, 7.1B, 7.1C, 7.1D, 7.1E, 7.1F, 7.1G, 7.2A, 7.2B, 7.2D, 7.3A, 7.3C** **RTCs: 7.5A, 7.5B, 7.5D** **Content:** 7.14A, 7.14B **Spiral Standards: 7.8A, 6.13A**	
Apr. 27 - May 12 (12 Instr. Days) **Unit/Topic 11: Matter and Energy in Ecosystems** • Energy flow in Ecosystems • Cycles of Matter	**SEPs: 7.1B, 7.1G, 7.2A, 7.3A, 7.3B, 7.3C** **RTCs: 7.5B, 7.5C, 7.5D, 7.5E** **Content: 7.12A**, 7.12B **Spiral Standards: 7.8B, 6.6E**	
May 13 - May 21 **FLEX** (7 Days)		

[Grade 7 Texas Essential Knowledge and Skills (TEKS) for Science]

Recurring Themes and Concepts (RTC) **Science and Engineering Processes (SEP)** Readiness Standard Supporting Standard

Aug 13, 2025