7th Grade Science Year-At-A-Glance

Term 1	Term 2	Term 3	Term 4
Unit 1: Matter & Solutions 1. Elements & Compounds 2. Changes in Matter 3. Solutions **Dates:** Aug 10 - Sept 11 **TEKS:** 7.6A, **7.6B**, **7.6C**, 7.6D, 7.6E *Textbook: Texas Experience Science Grade 7 - Topic 1: Matter-Experience 1, 2, and 3**	**Unit 3**: Plate Tectonics, *cont.* 2. Plate Tectonics & Geological Events 3. Earthquakes 4. Volcanoes **Dates:** Oct 13 - Oct 22 **TEKS: 7.10A**, **7.10B** *Textbook: Texas Experience Science Grade 7 - Topic 5: Plate Tectonics-Experience 2, 3, and 4**	**Unit 6**: Flow of Matter & Energy 1. Energy Flow in Ecosystems 2. Cycling of Matter **Dates:** Jan 6 - Jan 21 **TEKS: 7.12A**, 7.12B *Textbook: Texas Experience Science Grade 7 - Topic 11: Matter and Energy in Ecosystems-Experience 1 and 2**	**Unit 9**: Classification, *cont.* 2. Archaea, Bacteria, & Ecosystems 3. Eukarya & Ecosystems **Dates:** Mar 23 - Apr 2 **TEKS:** 7.14B *Textbook: Texas Experience Science Grade 7 - Classification-Experience 2 and 3*
Unit 2: Thermal Energy 1. Temperature & Kinetic Energy 2. Thermal Energy Transfer 3. Thermal Energy & Equilibrium **Dates:** Sept 14 - Oct 2 **TEKS: 7.8A.** 7.8B, **7.8C** *Textbook: Texas Experience Science Grade 7 - Topic 3: Thermal Energy-Experience 1, 2, and 3**	**Unit 4**: Force & Motion 1. Speed & Velocity 2. Analyzing an Object's Motion 3. Newton's First Law of Motion **Dates:** Oct 23 - Nov 20 **TEKS: 7.7A**, **7.7B**, **7.7C**, 7.7D *Textbook: Texas Experience Science Grade 7 - Topic 2: Force & Motion-Experience 1, 2, and 3**	**Unit 7**: Water & Human Activity 1. Surface Water 2. Groundwater 3. Importance of Oceans **Dates:** Jan 22 - Feb 11 **TEKS: 7.11A**, **7.11B** *Textbook: Texas Experience Science Grade 7 - Water and Human Activity-Experience 1, 2, and 3**	
Unit 3: Plate Tectonics (Subunit 1 only) 1. Earth Changing Over Time **Dates:** Oct 5 - Oct 8 **TEKS: 7.10A** *Textbook: Texas Experience Science Grade 7 - Topic 5: Plate Tectonics-Experience 1**	**Unit 5**: The Solar System 1. Objects in Space 2. Gravity & Motion 3. Life & Earth **Dates:** Nov 30 - Dec 18 **TEKS: 7.9A**, **7.9B**, 7.9C *Textbook: Texas Experience Science Grade 7 - Topic 4: The Solar System-Experience 1, 2, and 3**	**Unit 8**: Inheritance & Population Changes 1. How Traits are Passed 2. How Populations Change **Dates:** Feb 12 - Mar 5 **TEKS: 7.13C**, **7.13D** *Textbook: Texas Experience Science Grade 7 - Inheritance and Changes in Populations-Experience 1 and 2**	**Unit 10**: Body Systems 1. Levels of Organization 2. Communication 3. Movement 4. Energy 5. Defense **Dates:** Apr 5 - May 27 **TEKS: 7.13A**, 7.13B *Textbook: Texas Experience Science Grade 7 - Topic 7: Body Systems… -Experience 1, 2, 3, and 4* **AND** Topic 8: Body Systems… -Experience 1, 2, and 3**
		Unit 9: Classification (Subunit 1 only) 1. Taxonomy **Dates:** Mar 15 - 19 **TEKS: 7.14A** *Textbook: Texas Experience Science Grade 7 - Classification-Experience 1**	
Important Dates: Aug 19: Term Begins Sept 7: District Holiday *Sept 8 - 11: BOY Window* Sept 21: District Inservice Oct 8: Term Ends	**Important Dates:** Oct 9: Student/Teacher Holiday Oct 12: Campus Inservice Oct 13: Term Begins Nov 9: District Inservice Dec 18: Term Ends	**Important Dates:** Jan 4 - 5: Campus Inservice Jan 6 Term Begins Jan 18: District Holiday Feb 15: Campus Inservice Mar 8 - 12: District Holiday Mar 19: Term Ends	**Important Dates:** Mar 22: Term Begins Mar 25 and 29: District Holiday *Apr 26 - May 7: EOY Window* May 27: Term Ends

**Texas Experience Science Grade 7 textbook resources can be accessed on Clever via the Savvas Realize app*