

SCIENCE BITS/TEKS SCOPE AND SEQUENCE

This sample scope and sequence is included for illustrative purposes to demonstrate the depth and breadth of the Science Bits curriculum. This is also the default Scope and Sequence of the Science Bits curriculum as defined to meet the Texas Middle School TEKS standards. Individual teachers (if desired) or a District Supervisor, on behalf of all teachers in a District, can create a customized Scope and Sequence that uniquely aligns to District pacing plans or academic calendars. In short, the Scope and Sequence can be easily changed to meet unique individual classroom and/or District requirements.

6 TH GRADE	7 TH GRADE	8 TH GRADE
 <p>What Is Science? Nature of Science Science Bits Unit</p>	 <p>Atoms Chemistry Science Bits Unit</p>	 <p>Chemical Reactions Chemistry Science Bits Unit</p>
SC 6.7A	SC 7.6A, 7.6B, 7.6C	SC 8.6B, 8.6D, 8.6E
SEP 6.1H, 6.2A, 6.3B, 6.4B	SEP 7.4A	SEP 8.1A, 8.1C, 8.1D, 8.1G, 8.2A
RTC 6.5A, 6.5B	RTC 7.5A	RTC 8.5A, 8.5B
 <p>Mass, Volume, and Density Chemistry Science Bits Unit</p>	 <p>Aqueous Solutions Chemistry Science Bits Unit</p>	 <p>Acceleration Physics Science Bits Unit</p>
SC 6.6D	SC 7.6D, 7.6E	SC 8.7A
SEP 6.1A, 6.1B, 6.1D, 6.1E, 6.3A, 6.3B 6.3C	SEP 7.1B, 7.1F, 7.2B, 7.3A, 7.3B, 7.3C	SEP 8.1F, 8.1G, 8.2C, 8.4B
RTC 6.5A	RTC 7.5B, 7.5E, 7.5G	RTC 8.5C
 <p>Changes of State Chemistry Science Bits Unit</p>	 <p>Motion Physics Science Bits Unit</p>	 <p>Forces (II) Physics Science Bits Unit</p>
SC 6.6A	SC 7.7A, 7.7B, 7.7C, 7.7D	SC 8.7B
SEP 6.3A, 6.3B	SEP 7.1A - 7.1F, 7.2C, 7.3A, 7.3C	SEP 8.1A-8.1G, 8.2A, 8.2B, 8.2D, 8.3A-8.3C, 8.4B
RTC 6.5A	RTC 7.5B, 7.5E, 7.5G	RTC 8.5C
 <p>Pure Substances and Mixtures Chemistry Science Bits Unit</p>	 <p>Forces Physics Science Bits Unit</p>	 <p>Waves Physics Science Bits Unit</p>
SC 6.6A	SC 7.8A, 7.8B, 7.8C	SC 8.9B
SEP 6.1G, 6.3A, 6.3B, 6.4A, 6.4C	SEP 7.1A, 7.1B, 7.1C, 7.1D, 7.1F, 7.2D, 7.3A, 7.3B, 7.4A	SEP 8.1G
RTC 6.5A, 6.5B, 6.5C, 6.5F	RTC 7.5E, 7.5F, 7.5G	RTC 8.5A



 <p>A World of Particles Chemistry Science Bits Unit</p>	 <p>Thermal Energy, Heat, and Temperature Physics Science Bits Unit</p>	 <p>The Earth in the Universe Earth and Space Sciences Science Bits Unit</p>
<p>SC 6.6B, 6D SEP 6.1B, 6.3A, 6.4B RTC 6.5A</p>	<p>SC 7.7D SEP 7.3A RTC 7.5G</p>	<p>SC 8.8A, 8.8B SEP 8.2B, 8.3A, 8.3C, 8.4A RTC 8.5A</p>
 <p>Substances Change Chemistry Science Bits Unit</p>	 <p>The Solar System Earth and Space Sciences Science Bits Unit</p>	 <p>Weather and Atmosphere Earth and Space Sciences Science Bits Unit</p>
<p>SC 6.6, 6.6E SEP 6.1A, 6.1B, 6.3A, 6.3C, 6.4B RTC 6.5E</p>	<p>SC 7.9A, 7.9B, 7.9C SEP 7.2A, 7.4A RTC 7.5C</p>	<p>SC 8.10A, 8.10B, 8.10C, 8.11A, 8.11B SEP 8.1F, 8.2A, 8.3B RTC 8.5A, 8.5B, 8.5D, 8.5E</p>
 <p>The Atomic Structure of Matter Chemistry Science Bits Unit</p>	 <p>Planet Water Earth and Space Sciences Science Bits Unit</p>	 <p>Climate Earth and Space Sciences Science Bits Unit</p>
<p>SC 6.6B, 6.6C SEP 6.3B RTC 6.5F</p>	<p>SC 7.9C, 7.11A SEP 7.1A, 7.1B, 7.1C, 7.1E, 7.1F, 7.2C, 7.2D, 7.3A, 7.3B, 7.3C, 7.4A, 7.4B RTC 7.5E, 7.5G</p>	<p>SC 8.10A, 8.10B, 8.11A, 8.11B SEP 8.1A, 8.2B, 8.3A, 8.4B RTC 8.5A, 8.5B, 8.5E, 8.5G</p>
 <p>A World of Forces Physics Science Bits Unit</p>	 <p>Earth's Internal Processes Earth and Space Sciences Science Bits Unit</p>	 <p>Energy and Matter in Ecosystems Life Sciences Science Bits Unit</p>
<p>SC 6.7A, 6.7B, 6.7C SEP 6.2D, 6.3A, 6.3B, 6.4B RTC 6.5F, 6.5G</p>	<p>SC 7.10B SEP 7.1E, 7.1F, 7.1H, 7.2A, 7.2B, 7.3A, 7.3B, 7.3C, 7.4A, 7.4C RTC 7.5A, 7.5B, 7.5G</p>	<p>SC 8.11C, 8.12A, 8.12B, 8.12C SEP 8.1B, 8.1C, 8.1E, 8.1F, 8.1G, 8.2D, 8.3A, 8.3B RTC 8.5D, 8.5E, 8.5F, 8.5G</p>
 <p>Energy Physics Science Bits Unit</p>	 <p>History of the Earth Earth and Space Sciences Science Bits Unit</p>	 <p>The Living Cell Life Sciences Science Bits Unit</p>
<p>SC 6.8A, 6.8B, 6.8C, 6.11A, 6.11B SEP 6.1B, 6.1E, 6.1F, 6.2C, 6.3A, 6.3B, 6.3C, 6.4A, 6.4B RTC 6.5E, 6.5G</p>	<p>SC 7.10A SEP 7.1H, 7.2B, 7.3A, 7.4A RTC 7.5A</p>	<p>SC 8.13A SEP 8.1D, 8.3B RTC 8.5C, 8.5F</p>



 <p>The Sun–Earth–Moon System Earth and Space Sciences Science Bits Unit</p>	 <p>Ecosystem (II) Life Sciences Science Bits Unit</p>	 <p>Genetic Material Life Sciences Science Bits Unit</p>
<p>SC 6.9A, 6.9B</p> <p>SEP 6.1B, 6.1F, 6.1G, 6.1H, 6.2A, 6.2B, 6.3A</p> <p>RTC 6.5A, 6.5D, 6.5G</p>	<p>SC 7.11B, 7.12A, 7.12B, 7.14B</p> <p>SEP 7.4A</p> <p>RTC 7.5E, 7.5F, 7.5G</p>	<p>SC 8.13B</p> <p>SEP 8.4A</p> <p>RTC 8.5F</p>
 <p>Minerals and Rocks Earth and Space Sciences Science Bits Unit</p>	 <p>Human Nutrition Life Sciences Science Bits Unit</p>	
<p>SC 6.10A, 6.10B, 6.10C</p> <p>SEP 6.1B, 6.4B</p> <p>RTC 6.5C, 6.5D, 6.5E, 6.5G</p>	<p>SC 7.13A, 7.13B</p> <p>SEP 7.1C, 7.1E, 7.1G, 7.2C, 7.3A, 7.3B</p> <p>RTC 7.5C, 7.5D, 7.5F</p>	
 <p>Cells Life Sciences Science Bits Unit</p>	 <p>Human Responses to the Environment Life Sciences Science Bits Unit</p>	
<p>SC 6.13A, 6.13B</p> <p>SEP 6.1D</p> <p>RTC 5F</p>	<p>SC 7.13A, 7.13C</p> <p>SEP 7.1B, 7.1C, 7.1D, 7.1F, 7.1G, 7.2B, 7.3A, 7.3B</p> <p>RTC 7.5B</p>	
 <p>Ecosystems Life Sciences Science Bits Unit</p>	 <p>Evolution Life Sciences Science Bits Unit</p>	
<p>SC 6.12A, 6.12B, 6.12C, 6.13C</p> <p>SEP 6.1B, 6.1E, 6.1G, 6.2D, 6.3A, 6.3B, 6.4B</p> <p>RTC 6.5A, 6.5D, 6.5F</p>	<p>SC 7.13A, 7.13C, 7.13D</p> <p>SEP 7.1A, 7.1G, 7.3A, 7.3B, 7.4A, 7.4B</p> <p>RTC 7.5G</p>	
 <p>Nutrition Life Sciences Science Bits Unit</p>	 <p>Diversity of Life Life Sciences Science Bits Unit</p>	
<p>SC 6.13B</p> <p>SEP 6.3B</p> <p>RTC 6.5E, 6.5G</p>	<p>SC 7.13B, 7.14A, 7.14B</p> <p>SEP 7.3A, 7.3B, 7.4B</p> <p>RTC 7.5A</p>	