

# Grade 8 Science

## Year-at-a-Glance 2020-2021

### Fall Semester 2020

1 <sup>st</sup> Grading Period (27 Days)	2 <sup>nd</sup> Grading Period (24 Days)	3 <sup>rd</sup> Grading Period (30 Days)
<p style="text-align: center;"><b>Scientific Investigation and Reasoning Skills (2 days)</b></p> <ul style="list-style-type: none"> <li>○ Lab Safety</li> <li>○ Interactive Notebooks</li> <li>○ Data Collection and Recording</li> </ul> <p><i>TEKS: 8.1A, 8.1B, 8.4A, 8.4B, 8.2C, 8.3D</i></p> <p style="text-align: center;"><b>Chemistry (25 Days)</b></p> <ul style="list-style-type: none"> <li>○ Density</li> <li>○ Atomic Structure</li> <li>○ Arrangement of Periodic Table</li> </ul> <p><i>TEKS: 8.5A, 8.5B, 8.5C, 6.6A, 6.6B</i></p>	<p style="text-align: center;"><b>Chemistry (17 Days)</b></p> <ul style="list-style-type: none"> <li>○ Chemical Formulas</li> <li>○ Physical and Chemical Changes</li> </ul> <p><i>TEKS: 8.5D, 8.5E, 7.6A</i></p> <p style="text-align: center;"><b>Physics (7 Days)</b></p> <ul style="list-style-type: none"> <li>○ Calculating Speed</li> <li>○ Forces</li> </ul> <p><i>TEKS: 8.6A, 8.6B, 8.6C, 6.8C</i></p>	<p style="text-align: center;"><b>Physics (21 Days)</b></p> <ul style="list-style-type: none"> <li>○ Newton's Laws</li> <li>○ Types of Energy</li> <li>○ Energy Transformations</li> <li>○ Motion Graphs</li> </ul> <p><i>TEKS: 8.6C, 6.8A, 6.8D, 6.9C</i></p> <p style="text-align: center;"><b>Weather (9 Days)</b></p> <ul style="list-style-type: none"> <li>○ Convection</li> <li>○ Pressures &amp; Fronts</li> <li>○ Weather Maps</li> </ul> <p><i>TEKS: 8.10A, 8.10B, 8.10C</i></p>

## Spring Semester 2021

4 <sup>th</sup> Grading Period (29 Days)	5 <sup>th</sup> Grading Period (29 Days)	6 <sup>th</sup> Grading Period (34 Days)
<p style="text-align: center;"><b>Space (29 Days)</b></p> <ul style="list-style-type: none"> <li>○ EM Spectrum</li> <li>○ Stars &amp; Galaxies</li> <li>○ HR Diagrams</li> <li>○ Seasons</li> <li>○ Lunar Cycle &amp; Tides</li> </ul> <p><i>TEKS: 8.7A, 8.7B, 8.8A, 8.7C, 8.8B, 8.8C, 6.11B</i></p>	<p style="text-align: center;"><b>Geology (14 Days)</b></p> <ul style="list-style-type: none"> <li>○ Topographic Maps</li> <li>○ Plate Boundaries</li> <li>○ Human Dependence on the Ocean</li> </ul> <p><i>TEKS: 8.9B, 8.9C, 8.9A, 7.8C, 8.11C</i></p> <p style="text-align: center;"><b>Biology (15 Days)</b></p> <ul style="list-style-type: none"> <li>○ Cells</li> <li>○ Asexual/Sexual Reproduction</li> <li>○ Kingdoms</li> </ul> <p><i>TEKS: 7.11C, 7.12D, 7.12F, 7.14B, 7.14C, 6.12D</i></p>	<p style="text-align: center;"><b>Biology (14 Days)</b></p> <ul style="list-style-type: none"> <li>○ Body Systems</li> <li>○ Biodiversity &amp; Limiting Factors</li> <li>○ Succession</li> </ul> <p><i>TEKS: 8.11A, 8.11B, 7.5B, 7.10B, 7.10C, 7.11A, 7.12B</i></p> <p style="text-align: center;"><b>STAAR Review (20 Days)</b></p> <ul style="list-style-type: none"> <li>○ Chemistry</li> <li>○ Physics</li> <li>○ Space</li> <li>○ Geology</li> </ul>

