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| SISD Year At A Glance Curriculum Calendar - 8th Grade Science 2017-2018 |
| **1st Grading Cycle** **Scientific Investigation and Reasoning*** Science Safety
* Scientific Inquiry

**TEKS: 1A&B, 2A-E, 3A-D****Organisms and the Environment*** Relations in the Food Web
* Interdependence
* Environmental Changes & Cycles
* Human Effect on Resources

**TEKS: 8.11A-D, 7.5C, 7.8C, 7.10B,C, 7.11A,C, 7.12 B,D,F, 7.14B,C, 6.12D****Earth and Space*** Rotation & Revolution
* Lunar Cycle
* Ocean Tides

**TEKS: 8.7A-C, 6.11B**  | **2nd Grading Cycle** **Earth and Space (Continued)*** Components of the Universe
* The Sun
* Electromagnetic Spectrum
* Light Years
* Origins of the Universe
* Plate Tectonic Theory
* Erosional Features
* The Sun's Energy
* Weather Maps
* Oceans and Weather
* Topographic Maps (Review)

**TEKS: 8.8A-E, 8.9A-C, 8.10A-C, 7.8C** | **3rd Grading Cycle****Force, Motion and Energy*** Unbalanced Forces
* Speed, Velocity & Acceleration
* Work
* Potential and Kinetic Energy
* Newton's Laws

**TEKS: 8.6A-C, 7.7A, 6.8A, 6.8D, 6.9C****Matter and Energy*** Atomic Structure
* Protons, Electrons
* Periodic Table

**TEKS: 8.5A,B,C 6.5C** | **4th Grading Cycle** **Matter and Energy (Continued)*** Atomic Structure
* Protons, Electrons
* Periodic Table
* Chemical Formulas & Equations
* Chemical Reactions

**TEKS: 8.5A,B,C,D,E,F, 6.5C** **STAAR Review****STAAR Test**Biology Prep**Process Standards used throughout the year (8.1AB, 8.2ABCDE, 8.3ABCD, 8.4AB)** |