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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)** |