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| SISD Year At A Glance Curriculum Calendar- Environmental Systems 2014-2015 | | | |
| **1st Grading Cycle**  **Introduction to Environmental Science**   * Science and the Environmental  1. Understanding Our Environment 2. The Environment and Society  * Tools of Environmental Science  1. Scientific Methods 2. Statistics and Models 3. Making Informed Decisions  * The Dynamic Earth  1. The Geosphere 2. The Atmosphere 3. The Hydrosphere and Biosphere   **TEKS – 1A, 1B, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I 2J, 2K, 3A, 3B, 3C, 3D, 3F, 4C,**  **6A, 6B, 6C, 7C, 7D, 8A, 8B, 9E, 9F** | **2nd Grading Cycle**  **Ecology**   * The Organization of Life  1. Ecosystems 2. Evolution 3. Diversity of Living Things  * How Ecosystems Work  1. Energy Flow in Ecosystems 2. The Cycling of Matter 3. How Ecosystems Change  * Biomes  1. What is a Biome 2. Forest Biomes 3. Grassland, Desert and Tundra Biome  * Aquatic Ecosystems  1. Freshwater Ecosystems 2. Marine Ecosystems   **TEKS – 3E, 4B, 4C, 4D, 6C, 6E, 7D, 8C, 9E** | **3rd Grading Cycle**  **Populations**   * Understanding Populations  1. How Populations Change in Society 2. How Species Interact with Each Other  * Human Populations  1. Studying Human Populations 2. Changing Population Trends  * Biodiversity  1. What is Biodiversity 2. Biodiversity at Risk 3. The Future of Biodiversity   **TEKS – 1A, 1B, 2F, 2G, 2H, 2I, 2K, 3C, 5A, 5B, 5C, 5E, 5F, 6B, 9E, 9F, 9I** | **4th Grading Cycle**  **Water, Air and Land**  Water   1. Water Resources 2. Water Use and Management 3. Water Population   Air   1. What Causes Air Pollution 2. Air, Noise and Light Pollution 3. Acid Precipitation   **TEKS – 1A, 1B,2A, 2B, 2C, 2D, 2F, 2G, 2J, 2K, 3A, 3B, 3D, 4F, 4G, 4H, 7A, 7B, 7C,7D**  **Mineral and Energy Resources**  Non-Renewable Energy   1. Energy Resources and Fossil Fuels 2. Nuclear Energy   Renewable Energy   1. Renewable Energy Today 2. Developing Energy Technologies   **TEKS – 2G, 2K, 3A, 3B, 4E, 8A, 8B, 8C, 8D, 8E, 9A, 9B, 9C, 9D, 9H**  **Our Health and Our Future**  Economics Policy and The Future  1. Economics and International Cooperation  2. Environmental Policies in The United States  3. Importance of the Individual  **TEKS – 2A, 2B, 2C, 2G, 2H, 2K, 3A, 3B, 3C, 3D, 3E, 3F, 9G, 9I, 9J, 9K, 9L** |