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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

Air1. 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 Energy1. Energy Resources and Fossil Fuels
2. Nuclear Energy

Renewable Energy1. 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 Future1. Economics and International Cooperation2. Environmental Policies in The United States3. Importance of the Individual**TEKS – 2A, 2B, 2C, 2G, 2H, 2K, 3A, 3B, 3C, 3D, 3E, 3F, 9G, 9I, 9J, 9K, 9L** |