Environmental Systems Year-At-A-Glance

Term 1	Term 2	Term 3	Term 4
Unit 1: Lab Safety 1. Safety Rules 2. Collecting and Organizing Data 3. Lab Procedures **Dates:** Aug 19 - Aug 28 **TEKS:** 1A-H	**Unit 4**: Biodiversity and Community Stability 1. Genetic and Species Diversity 2. Keystone Species 3. Invasive Species **Dates:** Oct 12 - Oct 30 **TEKS:** 5E-G, 11A, 11B	**Unit 6**: Biogeochemical Cycles & Energy Flow 1. Water Cycle 2. Carbon and Nitrogen 3. Energy Flow **Dates:** Jan (3 weeks) **TEKS:** 5B, 7B-D	**Unit 9**: Water and Systems Pollution 1. Properties of Water 2. Watersheds 3. Water Quality **Dates:** Mar - Apr (3 weeks) **TEKS:** 6B, 10A-D
Unit 2: Environmental Systems and Earth's Spheres 1. Earth's Spheres 2. Ecosystem Organization 3. Biomes **Dates:** Sept (3 weeks) **TEKS:** 5A, 5C, 7A, 1G	**Unit 5**: Atmosphere, Weather, Climate 1. Atmosphere 2. Weather Systems 3. Climate Change **Dates:** Nov 3 - Dec 4 **TEKS:** 9D, 9E	**Unit 7**: Geology and Natural Hazards 1. Plate Tectonics 2. Volcanoes and Earthquakes 3. Minerals and Mining **Dates:** Jan - Feb (3 weeks) **TEKS:** 9A, 12A, 12C	**Unit 10**: Aquatic Systems and Land Use 1. Aquatic Ecosystems 2. Land Use 3. Conservation **Dates:** Apr (3 weeks) **TEKS:** 6A, 5A
Unit 3: Population Ecology 1. Population Growth 2. Survivorship 3. Carrying Capacity **Dates:** Sept - Oct (3 weeks) **TEKS:** 8A-D		**Unit 8**: Energy Resources and Consumption 1. Energy Sources 2. Electricity Generation 3. Energy Use **Dates:** Feb - Mar (3 weeks) **TEKS:** 6C, 7D, 12A	**Unit 11**: Pollution, Conservation, and Human Impact 1. Pollution 2. Waste Management 3. Environmental Action **Dates:** May 10- May 18 **TEKS:** 10A-E
Important Dates: Aug 19: Term Begins Sept 7: District Holiday *Sept 8 - 11: BOY Window* Sept 21: District Inservice Oct 8: Term Ends	**Important Dates:** Oct 9: Student/Teacher Holiday Oct 12: Campus Inservice Oct 13: Term Begins Nov 9: District Inservice Dec 18: Term Ends	**Important Dates:** Jan 4 - 5: Campus Inservice Jan 6 Term Begins Jan 18: District Holiday Feb 15: Campus Inservice Mar 8 - 12: District Holiday Mar 19: Term Ends	**Important Dates:** Mar 22: Term Begins Mar 25 and 29: District Holiday *Apr 26 - May 7: EOY Window* May 27: Term Ends