Course: 6th Grade Science
Instructor: Jana Perkins

Instructional Plan

Course Content Description Template Provide a brief overview of the course content, including key topics and themes covered throughout the course.
Properties of Matter Chemical Changes The Role of Force in Systems Energy Transfers and Transformations Movements of the Sun, Earth, and Moon Our Earth (Spheres, Layers, Types of Rocks) Resource Management Organisms Interdependence in Ecosystems
Major Assignments and Projects Template List the major assignments and projects for the course, including their purpose and any relevant deadlines or evaluation criteria.
Throughout the course, students will engage in a variety of assignments and projects designed to deepen their understanding of scientific concepts and develop critical thinking skills. These activities will include hands-on investigations, research-based presentations, and creative demonstrations aligned with key topics in physical, life, and Earth sciences. Each assignment will encourage exploration, collaboration, and application of the scientific method, with clear evaluation criteria communicated in advance to support student success. Specific projects and deadlines will be planned and shared as the course progresses, and may be adjusted to best meet students' knowledge levels and

ensure understanding of the topics.

Required Textbooks and Instructional Materials Template
List the textbooks and other instructional materials required for the course, including authors, publication dates, and any additional resources needed for successful completion.

Students will use a variety of textbooks and instructional materials to support their learning throughout the course that will be provided by the school. These resources include:

- The designated 8th grade dynamic science textbook (SummitK12) aligned with Texas TEKS standards
- A science journal for recording observations, reflections, and class notes..
- Designated supplementary reading materials, including articles and digital resources
- Laboratory equipment and safety materials for hands-on experiments
- Access to technology tools for research, presentations, and interactive activities

Additional materials may be provided as needed to enhance understanding and engagement with course content. Students are expected to come prepared to fully participate in all learning activities.