

**Burton ISD**  
**4th Grade Science**  
**2025 - 2026 Instructional Plan**

HMH Into Science Texas 4th grade includes five units aligned with the [Texas Essential Knowledge and Skills \(TEKS\)](#) for science: Engineering and Technology, Plant and Animal Structure and Function, Energy and Communication, Changes to Earth's Surface, and Space and the Solar System. These units focus on hands-on, phenomenon-driven learning experiences with an emphasis on student-led investigations and real-world applications.

**Specific Topics Covered:**

- ☐ **Physical Properties of Matter:** Exploring properties like mass, volume, density, and states of matter.
- ☐ **Mixtures and Solutions:** Investigating how substances can be combined and separated.
- ☐ **Forms of Energy:** Learning about different forms of energy, such as light, heat, and sound.
- ☐ **Conductors and Insulators:** Exploring materials that allow or prevent the flow of electricity.
- ☐ **Circuits:** Understanding how electricity flows through circuits and the components of a circuit.
- ☐ **Force and Motion:** Investigating concepts like force, motion, and gravity.
- ☐ **Renewable and Non-Renewable Resources:** Learning about different energy sources and their impact on the environment.
- ☐ **Conservation:** Understanding the importance of conserving resources and protecting the environment.
- ☐ **Changes to the Earth:** Exploring natural processes like weathering, erosion, and earthquakes.
- ☐ **Properties of Soil:** Investigating the composition and characteristics of different types of soil.
- ☐ **Plant and Animal Structure and Function:** Learning about the parts of plants and animals and how they function.
- ☐ **Human Body Systems:** Exploring the different systems of the human body and how they work together.
- ☐ **Weathering & Erosion:** Learning about the processes that break down the Earth's surface.