

# Earth and Space Science



Delve into the study of plate tectonics and journey to the outer edges of the universe in with lessons and learnings in Earth and Space Science. Students can debate whether there is life in outer space with an interactive lesson from High-Adventure Science, analyze videos to compare the formation of tornadoes and avalanches, and follow directions to make a "Biome in a Baggie." Earth and Space Science examines the history and formation of the universe, the prediction of hurricanes and other types of weather, and the categorization of rocks and minerals.

## Topics and resources in the following areas:

- The Universe and Its Stars
- Earth/Sun/Moon System
- Patterns in the Sky
- Formation of the Solar System
- Structure and Scale of the Solar System
- Components of the Solar System
- Earth's Systems
- Earth's Atmosphere
- Earth's Cryosphere
- Earth's Geosphere
- Plate Tectonics
- Earth's Hydrosphere
- Earth's Magnetic Field
- Human Impacts on Earth Systems
- Natural Hazards
- Natural Resources
- Weather and Climate
- Global and Regional Climate Change
- History, People, and Milestones
- Careers in Earth and Space Science

The screenshot shows a search results page with a blue header. On the left, it says "Filter by" with two dropdown menus: "Grade" and "Type". On the right, it says "Sort by" with a dropdown menu: "Relevance". Below the header, there is a section titled "Videos(2358)". Three video cards are displayed:

- Jim Lovell at Morehead Planetarium**: The astronaut returns to the planetarium that had trained him in the art of celestial...  
UNC-TV Science  
Grades 6-13+
- Seismic Fish**: Seismic surveying emits underwater noise to detect oil and gas deposits beneath the sea floor. Scientists know the...  
UNC-TV Science  
Grades 6-13+
- Solar System Dynamics: Orbits and Kepler's Laws | NASA Planetary Sciences**: Explore how human understanding of planetary orbits has...  
NASA  
Grades 9-13+

Find PreK-12th grade videos, lessons, interactive experiences, and printable activities:

<http://bit.ly/EarthSpaceSciencePBSLM>

