

Ohio Science Standards

Firefall

This show talks about meteors and how their violent impacts wrought both destruction and perhaps even the ingredients necessary for life. Firefall covers these Ohio Education Standards:

High School Standards

Physical Science

- ✓ FORCES AND MOTION
 - Forces
 - Types of forces (gravity, friction, normal, tension)
 - Dynamics (how forces affect motion)
 - Objects moving with constant velocity
 - Accelerating objects
- ✓ THE UNIVERSE
 - History of the universe

Chemistry

- ✓ Phases of matter
- ✓ Intermolecular chemical bonding
 - Implications for properties of substances
 - Melting and boiling point

Environmental Science

- ✓ EARTH SYSTEMS: INTERCONNECTED SPHERES OF EARTH
 - Lithosphere
 - Geologic events and processes

Environmental Science

- ✓ EARTH SYSTEMS: INTERCONNECTED SPHERES OF EARTH
 - Lithosphere
 - Geologic events and processes

8th Grade Standards

PHYSICAL SCIENCE (PS)

- ✓ Forces between objects act when the objects are in direct contact or when they are not touching.
 - Friction