

Lesson Topic Planner

for Exploring Meteorite Mysteries

This matrix indicates some of the lessons in Exploring Meteorite Mysteries that could be used to enhance selected science topic themes frequently used in Earth/Space Science curricula.

Metric and Scientific Method (*students use metric measurements in activities*)

- Lesson 2** Follow the Falling Meteorite
- Lesson 4** The Meteorite-Asteroid Connection
- Lesson 6** Impact Craters — Holes in the Ground!
- Lesson 9** Meteorite Sleuths

Water (*fresh and oceans*)

- Lesson 12** Building Blocks of Life
- Lesson 14** Direct Hit at the K-T Boundary
- Lesson 16** Near Miss
- Lesson 17** Asteroid Resources

Atmosphere/Climate/Weather

- Lesson 14** Direct Hit at the K-T Boundary
- Lesson 16** Near Miss

Rocks/Minerals/Geologic Time

- Lesson 1** Noblesville Fall
- Lesson 6** Impact Craters — Holes in the Ground!
- Lesson 7** Crater Hunters
- Lesson 8** Edible Rocks
- Lesson 9** Meteorite Sleuths
- Lesson 10** Building Block of Planets
- Lesson 11** Changes Inside Planets
- Lesson 12** Building Blocks of Life
- Lesson 13** Solving a Mystery
- Lesson 14** Direct Hit at the K-T Boundary

Planet Dynamics

Earthquakes

- Lesson 14** Direct Hit at the K-T Boundary
- Lesson 16** Near Miss
- Lesson 6** Impact Craters — Holes in the Ground!

Plate Tectonics and Volcanism

- Lesson 7** Crater Hunters
- Lesson 10** Building Blocks of Planets
- Lesson 11** Changes Inside Planets
- Lesson 14** Direct Hit at the K-T Boundary

Weathering and Erosion

- Lesson 6** Impact Craters — Holes in the Ground!
- Lesson 7** Crater Hunters

Natural Resources/National Parks

- Lesson 3** Searching for Meteorites
- Lesson 10** Building Blocks of Planets
- Lesson 11** Changes Inside Planets
- Lesson 12** Building Blocks of Planets
- Lesson 17** Asteroid Resources

Historical Connections/ People/Careers

- Lesson 1** Noblesville Fall
- Lesson 7** Crater Hunters
- Lesson 14** Direct Hit at the K-T Boundary
- Lesson 15** Historical Meteorite Falls
- Lesson 16** Near Miss
- Lesson 18** Antarctic Meteorite Teams
- Lesson 19** The Daily Shooting Star

Space (*Stars and Solar System*)

- Lesson 1** Noblesville Fall
- Lesson 2** Follow the Falling Meteorite
- Lesson 3** Searching for Meteorites
- Lesson 4** The Meteorite-Asteroid Connection
- Lesson 5** Looking at Asteroids
- Lesson 10** Building Blocks of Planets
- Lesson 11** Changes Inside Planets
- Lesson 17** Asteroid Resources