

Science and Mathematics Standards for Exploring Meteorite Mysteries

	Science as Inquiry	Structure and Energy of the Earth System	Origin and History of the Earth	Earth in the Solar System	Geochemical Cycles	Physical Science	Populations and Ecosystems	Understanding about Science and Technology	Science in Personal and Social Perspectives	History and Nature of Science	Problem Solving	Measurement	Computation and Estimation	Communication	Geometry and Advanced Mathematics	Statistics and Probability	Number and Number Relationships	Patterns and Functions
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 6 Impact Craters— Holes in the Ground!	✓	✓	✓			✓		✓			✓	✓	✓	✓		✓		✓
Lesson 7 Crater Hunters	✓	✓	✓		✓			✓	✓	✓	✓		✓	✓		✓		✓
Lesson 8 Edible Rocks	✓	✓							✓	✓	✓		✓	✓				✓

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Lesson 9 Meteorite Sleuths	✓		✓		✓	✓		✓				✓	✓	✓	✓		✓		✓
Lesson 10 Building Blocks 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	✓		✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓
Lesson 15 Historical Meteorite Falls	✓		✓	✓			✓		✓	✓						✓			
Lesson 16 Near Miss			✓	✓			✓	✓	✓	✓					✓				
Lesson 17 Asteroid Resources	✓	✓						✓	✓	✓		✓	✓	✓	✓		✓	✓	✓
Lesson 18 Antarctic Meteorite Teams	✓						✓	✓	✓	✓					✓				✓
Lesson 19 The Daily Shooting Star	✓	✓	✓	✓			✓	✓	✓	✓					✓			✓	