

Name _____

A Fiery Descent: What Happens to a Meteoroid When it Enters Earth's Atmosphere?

Open-Ended Response Answer Key

1. Answers may vary but should consider the potential for significant impact events, the study of near-Earth objects, and strategies for planetary defense.
2. Answers may vary but should describe the journey, transformations, and eventual fate of the meteoroid.
3. Answers may vary but should explore the historical and cultural significance of meteors, including their role in mythology, art, and cultural beliefs.
4. Answers may vary but should highlight the broader scientific implications, such as planetary protection, understanding space phenomena, and advancing space exploration.

