

Name _____

Meteor Mayhem: Can Meteors Cause Damage on Earth's Surface?

Open-Ended Response Questions

1. Discuss the role of meteoroid impacts in shaping Earth's geological history. Provide examples of meteorite impact sites around the world and their geological significance.
2. Imagine a scenario where a large meteoroid is detected on a collision course with Earth. Describe the measures scientists might take to prevent or mitigate the impact and its potential consequences.
3. Explore the cultural and scientific importance of meteorites. How have meteorites influenced human understanding of the cosmos and the Earth's history?
4. Reflect on the role of space agencies and international collaboration in monitoring and addressing potential cosmic threats to Earth. How can global efforts help protect our planet from meteoroid impacts?

