

Name _____

Shaping the Earth: How the Rock Cycle Sculpts Our Landscapes

Open-Ended Response Questions

1. Discuss the importance of the rock cycle in shaping Earth's surface features and landscapes, providing examples from the passage.
2. Explore the role of tectonic plate movements in the creation of mountain ranges. How do igneous and metamorphic rocks contribute to this process?
3. Describe the processes involved in the formation of beaches and how the rock cycle plays a role in their development. What are some characteristics of sandy beaches?
4. How does the rock cycle create underground marvels like caves? Provide insights into the formation and features of these natural wonders.

