

Name \_\_\_\_\_

## Shaping the Earth: How the Rock Cycle Sculpts Our Landscapes

### Multiple Choice Questions

1. What are the three main rock types in the rock cycle?
  - a) Igneous, sedimentary, and metamorphic
  - b) Volcanic, tectonic, and erosive
  - c) Granitic, basaltic, and sedimentary
  - d) Limestone, shale, and sandstone
  
2. How do sedimentary rocks capture Earth's history?
  - a) By forming underwater caves
  - b) By trapping layers of sediment and fossils
  - c) By erupting from volcanoes
  - d) By undergoing metamorphism
  
3. What role does the collision of tectonic plates play in the formation of mountains?
  - a) It leads to the creation of volcanic islands.
  - b) It causes sedimentary rocks to erode.
  - c) It pushes rocks upward to form mountain ranges.
  - d) It carves deep canyons into the Earth's surface.
  
4. How are beaches primarily formed, according to the passage?
  - a) Through the eruption of volcanoes
  - b) By the carving action of rivers
  - c) Through the accumulation of ocean sediments
  - d) By the uplift of large regions of the Earth's crust
  
5. What underground features are mentioned in the passage as a result of the rock cycle?
  - a) Coral reefs
  - b) Fjords
  - c) Caves
  - d) Geysers

