

Name _____

Seafloor Spreading: Unveiling Earth's Hidden Secrets

Short Answer

1. Explain how seafloor spreading works and why it is essential in the context of plate tectonics.
2. Describe the role of mid-ocean ridges in the process of seafloor spreading and how they contribute to the creation of new oceanic crust.
3. How do magnetic stripes on the ocean floor provide evidence for seafloor spreading? What do these stripes reveal about the Earth's history?
4. What happens to the oceanic crust after it is formed at mid-ocean ridges, and how does this relate to the overall movement of tectonic plates?
5. Discuss the significance of seafloor spreading in our understanding of the Earth's dynamic processes and its contributions to geological research.

