

Name _____

Cracking the Code: How Do We Know Earth's Plates Are Moving?

Short Answer

1. How do seismographs help scientists gather evidence of plate movement?
2. Explain how the matching coastlines of continents support the theory of continental drift.
3. What is seafloor spreading, and how does it relate to plate tectonics?
4. Why is the study of magnetic alignment in volcanic rocks on the ocean floor important in understanding plate movement?
5. How can identical fossils found on separate continents provide clues about the history of tectonic plates?

