

Name: _____

Date: _____

Period: _____

Seafloor Spreading

The colors you chose represent the magnetic orientation of the metals in the lava created as new sea floor is made along the mid-ocean ridges. One color should represent an orientation pointing north, the other pointing south. We now know that the earth's magnetic field switches polarity (north becomes south and vice versa) randomly over time. These polarity switches are trapped in the lava as it cools. Based on what you know of Harry Hess' Theory of Seafloor Spreading, how does this model suggest that continents are being pushed apart by a growing ocean? (Use RATE)

[illegible]

A Diagram might be helpful to enhance your explanation: