Sea Floor Spreading Questions:

Answer these questions in your notebook!

1. What does the crack between the two books represent? What do the two books represent?
2. What does the paper represent? What were you modeling when you pulled the paper out from under the books?
3. What direction are plates moving at this location? What is causing the plates to move? Draw two plates and the mantle to show what you think is happening.

1. What is happening to the Earth’s magnetic field during this activity? What causes that magnetic field change?
2. What kind of rock is on the seafloor? How is this rock recording what is happening to the Earth’s magnetic field?
3. What does the magnetism pattern on the ocean floor look like? Why is there a matching part of the pattern?
4. What is the pattern of rock age across your paper?
5. If there were “continents” attached the end of your paper, what would have happened to them during this activity?

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