Restless Continents

 Wegener’s Continental Drift Hypothesis

 Define continental drift –

 Who was Alfred Wegener?

 What is the explanation provided for the appearance of the same plant and animal fossils being found on continents that are so far apart?

The Breakup of Pangaea

 What was the at one time ‘super continent” called?

 Name the two continents that the ‘super continent’ split into.

 Sea-Floor Spreading

 Mid-Ocean Ridges and Sea-Floor Spreading

 Define Mid-Ocean Ridge –

 Define Sea-floor Spreading –

 As the \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ move away from each other, the sea \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ apart and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ fills in the gap.

 Where is the older crust located compared to the younger crust from the mid-ocean ridge?

 Evidence for Sea-Floor Spreading: Magnetic Reversals

 Define magnetic reversal –

 Magnetic Reversals and Sea-Floor Spreading

 Why do the magnetic poles reverse?

 How is a record of magnetic reversals recorded in molten rock at mid-ocean ridges?