Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Wegener, Continental Drift and Pangaea

Part 1: A Controversial Theory

* In a 1912 lecture, German born meteorologist \_\_\_\_\_\_\_\_\_\_\_\_ proposed the idea of \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* His idea came from 2 observations
  + The \_\_\_\_\_\_\_\_\_\_\_\_\_ seem to fit together like a \_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_ of animals found on coasts of different \_\_\_\_\_\_\_\_\_\_\_ also \_\_\_\_\_\_\_\_\_\_\_\_
* The original land mass he referred to as ‘\_\_\_\_\_\_\_\_\_,’ meaning ‘\_\_\_\_ \_\_\_\_\_\_\_.’

Ideas that supported Wegener

* Puzzle pieces: the way the \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ together
* Fossil records: Locations of \_\_\_\_\_\_\_\_\_\_\_\_ on \_\_\_\_\_\_\_\_\_\_\_\_\_\_ that would have fit together
* Climate change: Plants that live primarily in \_\_\_\_\_\_\_\_\_\_\_\_\_ regions found on multiple continents, including \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. If Pangea were true, the continent would have been in a \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ allowing for that plant to survive.
* Geologic records: nearly identical \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ on continents that would have fit together

Wegener gets denied

* Alfred Wegener had a \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ in his theory… He could not explain \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_ this occurred.
* Wegener proposed that the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the Earth somehow caused the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to move, and they had ‘\_\_\_\_\_\_\_\_\_\_\_\_\_\_’ through the oceans.
* This idea was quickly shot down by \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
  + The Earth spinning cannot cause less dense continental crust to plow through more dense and rigid oceanic crust.
* Wegener’s idea was \_\_\_\_\_\_\_\_\_\_\_\_\_ by the \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and would not be revisited until \_\_\_\_\_\_\_\_\_\_ his \_\_\_\_\_\_\_\_\_\_\_\_\_\_.