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Pangaea Worksheet

Post-Lab Questions

Part I.

- 1. When did the supercontinent Pangaea form?
- 2. Record all observations about your assembled simulated Pangaea landmass.
- 3. How well do the continental plates appear to fit together?

Part II.

1. Define continental drift.

- 2. Name three types of evidence that support continental drift.
- 3. What is a craton?

4. Explain, in your own words, the relevance of the following evidence or clues regarding the existance of Pangaea: Evaporite and calcium carbonate rock locations.
The types of cratons found in South America and Africa.
The fossils of Mesosaurus and Glossopteris.
Part III. 1. Describe what happens to drifting continents.
2. What may happen if continents collide?
3. Are the continents still moving? Using your textbook, the Internet or local library, describe the current status/movement of present-day continents.