

## Continental Drift Web Quest

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Part A: Continental Drift

- a. What does the Theory of Continental Drift state?
  
  
  
  
  
  
  
  
  
  
- b. What is the name of the scientist that proposed the Theory of Continental Drift?
  
  
  
  
  
  
  
  
  
  
- c. What was Pangaea?
  
  
  
  
  
  
  
  
  
  
- d. What are the names of the two continents that Pangaea separated into?

### Part B: Evidence for Continental Drift

List four pieces of evidence used to support “the Continental Drift Idea”:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

- a. How did rocks and geologic structure support the Continental Drift Idea?
  
  
  
  
  
  
  
  
  
  
- b. Explain how fossil plant and animal distribution supports the Continental Drift Idea.

c. How does glaciation support the Continental Drift Idea?

d. Explain how climate supports the Continental Drift Idea

### **Part C: Convection Currents**

a. What are convection currents?

b. In which of Earth's layers do convection currents happen?

c. When convection currents flow in the mantle, they also move the \_\_\_\_\_.

d. Describe the role that convection currents play in the movement of the continents.

