<b>Exploring Plate Tectonics</b>	Name
SITE: Brain POP - Plate Tectonics  1 was the name of the su	upercontinent that existed millions of years ago.
2. The surface, or, of the Ear	th is broken into about plates that float on the liquid
3. When the plates move, the the ground moving because they only move	shift along with them. We don't notice a few each year.
4. Volcanoes,,	, and trenches occur at
active between t	
5. Divergent boundaries are where is created by liquid rock push	plates are moving and new ing up from the mantle.
6. Convergent boundaries are where properties one plate, or is	plates are moving each other. subducted under another.
7. Transform boundaries are where plates and cause	horizontally past one each other
8. The plates are always	slowly changing the face of the
SITE: Puzzles of the Earth Go to Earth Structures to start your tour of the bottom of each page to navigate your way three	ne world of plate tectonics! Click the puzzle piece at the ough the world of plate tectonics.
1. What are the three main parts of the earth?	Give a brief description for each.
2. The plates that make up the crust fit togeth	er like pieces of a
3. Which plate do we live on?	
4. We live on the earth's outermost layer. W	hat is it called?
5. Match each description using a C for contin	ental plates or O for oceanic plates.

- 6. How do plates move? Write a description using the terms magma, plates, and convection currents.
- 7. What happens at a convergent boundary? Explain and draw a diagram!

Crust that "carries" the ocean
Crust that "carries" the continents; may also contain oceans
Less dense and tends not to subduct
More dense and tends to be subducted

8. What happens in each situation?  Continental plate meets oceanic plate -
Two continental plates meet -
Two oceanic plates meet -
•
9. What happens at a divergent boundary? Explain and draw a diagram!
10. What is sea-floor spreading?
11. Describe transform plate movement. Explain and draw a diagram!
12. What are three geographic features that may be found at plate boundaries?
SITE: ZOOM Plate Tectonics
Who first proposed the idea of continental drift?
2. What did he name the gigantic supercontinent that existed 200 million years ago?
2. What did he name the gigantic supercontinent that existed 200 million years ago?
<ul><li>2. What did he name the gigantic supercontinent that existed 200 million years ago?</li><li>3. When did it begin to break up? Period</li></ul>
<ol> <li>What did he name the gigantic supercontinent that existed 200 million years ago?</li> <li>When did it begin to break up?</li> <li>Period</li> <li>What were the names of the two smaller supercontinents created by the break up?</li> </ol>
<ol> <li>What did he name the gigantic supercontinent that existed 200 million years ago?</li> <li>When did it begin to break up? Period</li> <li>What were the names of the two smaller supercontinents created by the break up? and and</li> </ol>
<ol> <li>What did he name the gigantic supercontinent that existed 200 million years ago?</li></ol>

Have time for a quiz?
Try the Plate Tectonics Quiz listed on the Earth Science page!