**Plate Movements**

Research Assignment

Directions: Answer each of the following questions in your own words. Use information from the resources provided to answer the questions, but explain the answers in your own way. Be sure to provide examples to support your answers. Also, use complete sentences, capitalization, punctuation, correct spelling, and appropriate grammar.

As you work, find and insert images to support your answers. Remember to include resources (web addresses) for your images.

**Resource 1**

<https://www.brainpop.com/science/earthsystem/platetectonics/>

1. What was Pangea and what evidence supports that it existed?

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2. What is the Mid-Atlantic Ridge and what did scientists discover about it?

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3. What is seafloor spreading?

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4. What is the lithosphere and what is it broken into?

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5. What is plate tectonics?

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6. What happens at each type of plate boundary?

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| --- | --- |
| Convergent |  |
| Divergent |  |
| Transform |  |

7. What is the Ring of Fire and what happens there?

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**Resource 2**

<https://www.ducksters.com/science/earth_science/plate_tectonics.php>

8. What is the lithosphere?

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9. How many major plates are there and what are they?

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10. Explain the different types of plates.

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| --- | --- |
| Oceanic |  |
| Continental |  |

11. Explain the different types of plate boundaries and what they cause.

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| --- | --- |
| Convergent |  |
| Divergent |  |
| Transform |  |

12. Summarize additional facts about plate tectonics.

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**Resource 3**

<http://www.geography4kids.com/files/earth_tectonics.html>

13. Define the following terms in your own words.

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| Lithosphere |  |
| Asthenosphere |  |
| Spreading Center |  |
| Subduction Zone |  |
| Zone of Convergence |  |

14. What is the continental drift?

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15. What evidence proves the theory of plate tectonics?

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