

Middle School Science

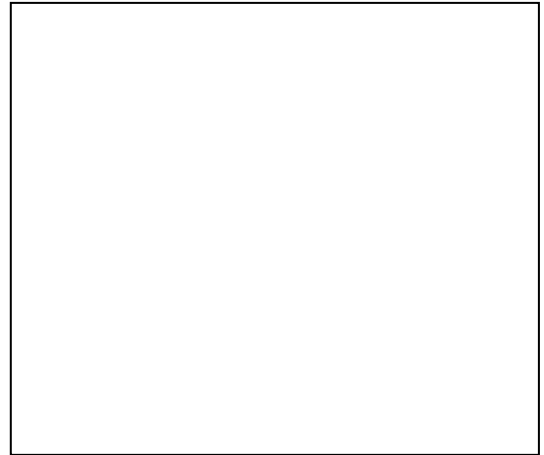
Name:

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Plate Boundaries Worksheet One

This worksheet accompanies *Plate Boundaries.ppt*

1. Explain how **constructive** plates are pushed apart. Use your knowledge of convection currents to help you explain your answer. You may also wish to create drawings or arrows in the box below.



2. Describe and illustrate what happens when **destructive** plates are pushed together:

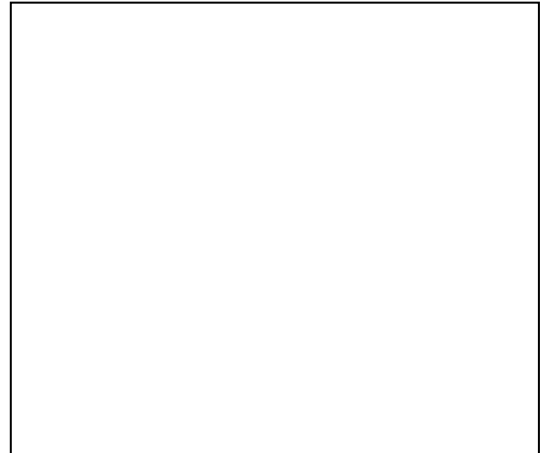


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3. How do **collision** and **destructive** plate boundaries differ? Use your knowledge of continental and oceanic plates to explain and illustrate your answer.



4. Explain why earthquakes occur with **conservative** plate boundaries. Draw a diagram to help explain your answer.



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Plate Boundaries Worksheet Two

This worksheet accompanies *Plate Boundaries.ppt*

5. In the table below, identify the four different types of plate boundaries, give two key characteristics of each and describe the consequences that these plates cause during movement. The first answer is completed as an example.

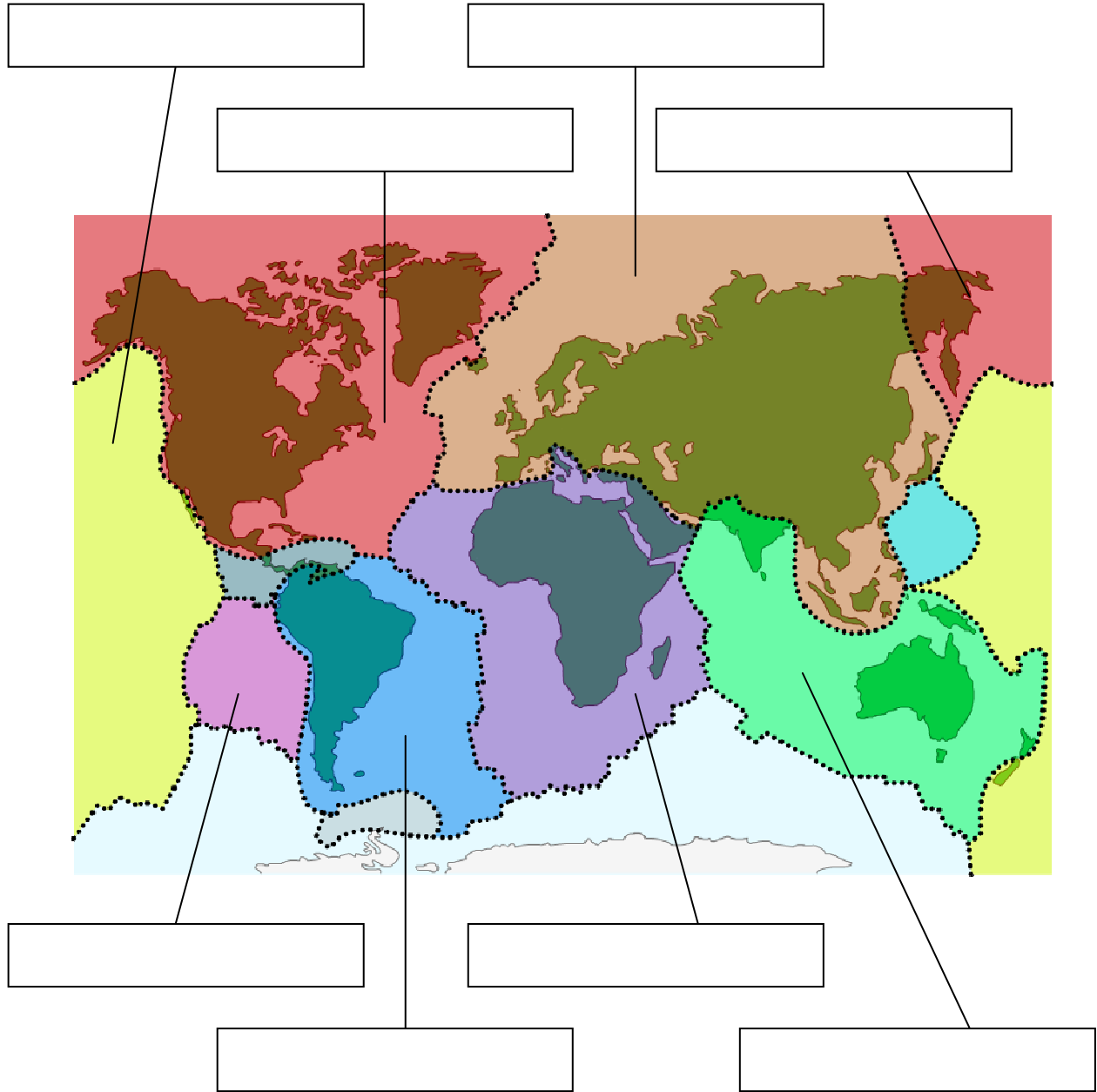
Plate Boundaries	Key Characteristics	Consequences
Collision	<ol style="list-style-type: none">1. Both plates have the same density.2. Both are called continental plates.	The plates buckle up and create mountain folds.
	<ol style="list-style-type: none">1.2.	
	<ol style="list-style-type: none">1.2.	
	<ol style="list-style-type: none">1.2.	

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6. Research and label the various different tectonic plates in the map below:



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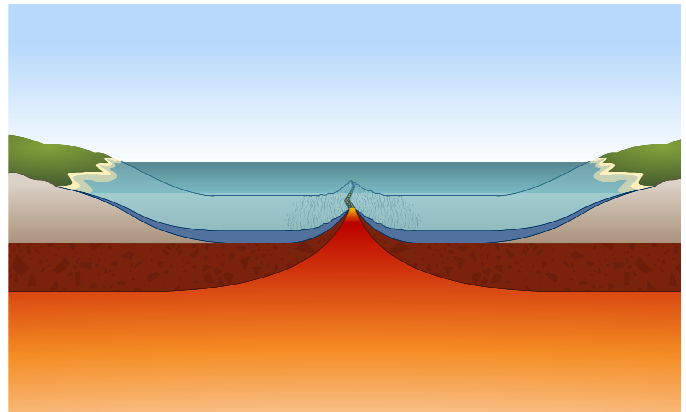
Plate Boundaries Worksheet Three

This worksheet accompanies *Plate Boundaries.ppt*

1. Look at the pictures below and provide a description of what happens at the four different plate boundaries. Be sure to mention the following:

- The changes that take place under the Earth's surface and the effects of convection currents.
- Oceanic and continental plates.
- The directions in which the plates move.
- How volcanoes, earthquakes and mountains are created.

Constructive

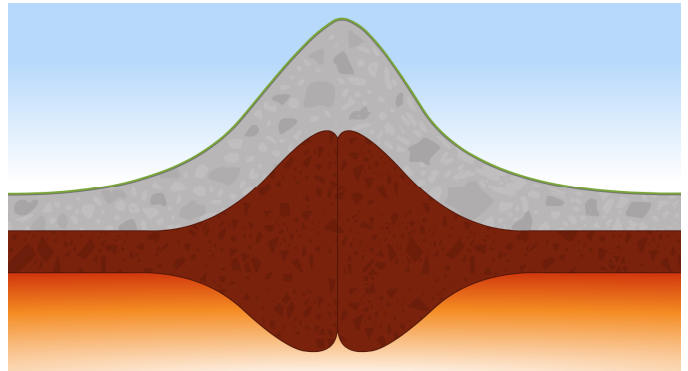


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Collision

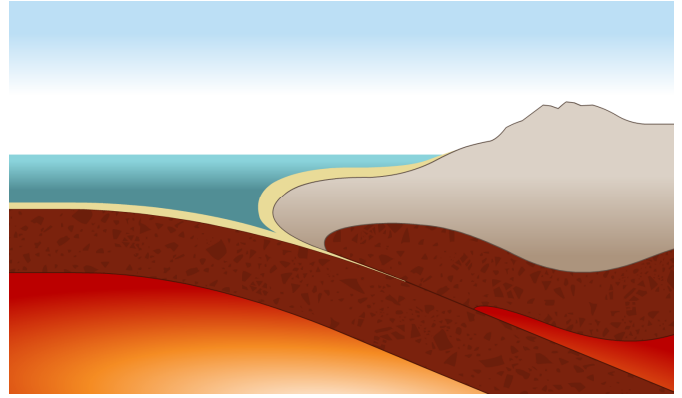


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Destructive



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Name: _____

Date: _____

Conservative

