



# Plate Movement and Physical Features (7.2.4)

FOCUS QUESTION: How do moving plates change the shape of the land? (Or ocean floor?)

Plate Boundary *plates move due to convection currents in the mantle*		DIVERGENT (prefix "di" = _____)	
		oceanic crust (on ocean floor)	continental crust (on land)
cause 	MOVEMENT of plates (circle one)	<ul style="list-style-type: none"> <li>• move towards each other/together</li> <li>• move apart/away from each other</li> <li>• slide past each other in opposite directions</li> </ul>	<ul style="list-style-type: none"> <li>• move towards each other/together</li> <li>• move apart/away from each other</li> <li>• slide past each other in opposite directions</li> </ul>
effect	PHYSICAL FEATURE/ LANDFORMS created by movement		
Real-Life Location(s)			
Diagram (show plate interaction and resulting landforms)			


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Plate Boundary  *plates move due to convection currents in the mantle*		CONVERGENT  (prefix "co/con" = _____)		
		oceanic-continental	oceanic-oceanic	continental-continental
cause  effect	MOVEMENT of plates (circle one)	<ul style="list-style-type: none"> <li>• move towards each other/together</li> <li>• move apart/away from each other</li> <li>• slide past each other in opposite directions</li> </ul>	<ul style="list-style-type: none"> <li>• move towards each other/together</li> <li>• move apart/away from each other</li> <li>• slide past each other in opposite directions</li> </ul>	<ul style="list-style-type: none"> <li>• move towards each other/together</li> <li>• move apart/away from each other</li> <li>• slide past each other in opposite directions</li> </ul>
	PHYSICAL FEATURE/ LANDFORMS created by movement			
Real-Life Location(s)				
Diagram  (show plate interaction and resulting landforms)				

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<p>Plate Boundary</p> <p>*plates move due to convection currents in the mantle*</p>		<p>TRANSFORM</p> <p>(prefix "trans" = _____)</p>
<p>cause</p>  <p>effect</p>	<p>MOVEMENT of plates (circle one)</p>	<ul style="list-style-type: none"> <li>• move towards each other/together</li> <li>• move apart/away from each other</li> <li>• slide past each other in opposite directions</li> </ul>
	<p>PHYSICAL FEATURE/ LANDFORMS created by movement</p>	
<p>Real-Life Location(s)</p>		
<p>Diagram</p> <p>(show plate interaction and resulting landforms)</p>		

# HOTSPOT

<p>cause</p>  <p>effect</p>	<p>MOVEMENT of plate</p>	<p>Describe hotspot and the interaction it has with a plate.</p>
	<p>PHYSICAL FEATURE/ LANDFORMS created by movement</p>	
<p>Real-Life Location(s)</p>	<ul style="list-style-type: none"><li>• On land (middle of continent usually):</li> <li>• On the ocean floor (middle of ocean usually):</li></ul>	
<p>Diagram</p> <p>(show plate interaction and resulting landforms)</p>		