




# TECTONIC PLATE BOUNDARY INTERACTIONS

BOUNDARY TYPE	MOTION	TOPOGRAPHY / FEATURES	EXAMPLES
<b>Divergent Moving Apart</b>	 Seafloor spreading or continental rifting.	Mid-ocean ridges, rift valleys, volcanic activity, young crust.	Mid-Atlantic Ridge, East African Rift.
<b>Convergent Moving Together</b>	 Subduction or continental collision.	Deep-sea trenches, volcanic island arcs, folded mountain ranges.	Andes Mountains, Mariana Trench, Himalayas.
<b>Transform Sliding Past</b>	 Lateral sliding along fault lines.	Fault lines, earthquake triggers, offset surface features.	San Andreas Fault, Alpine Fault (NZ).

Student Name: \_\_\_\_\_  
 Date: \_\_\_\_\_