

# TECTONIC PLATE BOUNDARY CHART

Reference Guide for Lithospheric Movement and Geologic Activity

<b>BOUNDARY TYPE</b>	<b>MOTION</b>	<b>GEOLOGIC FEATURES</b>	<b>REAL-WORLD EXAMPLE</b>
<b>Divergent (Constructive)</b>	↔ Moving Apart	Rift valleys, mid-ocean ridges, seafloor spreading, shallow earthquakes.	Mid-Atlantic Ridge, East African Rift.
<b>Convergent (Destructive)</b>	↔ Coming Together	Subduction zones, deep ocean trenches, volcanic arcs, mountain building.	Andes Mountains, Mariana Trench, Himalayas.
<b>Transform (Conservative)</b>	↔ Sliding Past	Fault lines, intense earthquakes, lack of significant volcanic activity.	San Andreas Fault, North Anatolian Fault.

**Student Notes / Observations:**