

GLOBAL TECTONIC PLATE BOUNDARIES

Reference Chart 01-A

[Illustration: World Map with Major Plate Lines]

BOUNDARY NAME	TYPE	PRIMARY PLATE INTERACTION	NOTABLE FEATURES
Mid-Atlantic Ridge	Divergent / Transform	North American / Eurasian	Seafloor spreading, volcanic islands
Marianas Trench		Pacific / Philippine	Subduction zone, deepest ocean point
San Andreas Fault		Pacific / North American	Lateral slippage, seismic activity
Himalayan Range		Indian / Eurasian	Continental collision, mountain building
East African Rift		Nubian / Somalian	Continental rifting, valley formation
Peru-Chile Trench		Nazca / South American	Andes Mountains, volcanic arc