TECTONIC PLATE BOUNDARIES

A Visual Guide to Earth's Lithospheric Movements

DIVERGENT

â†□ â^£ â†'

Moving Apart

Features & Effects

- Mid-ocean ridges
- Rift valleys
- New crust formation
- Shallow earthquakes

CONVERGENT

â†' â^£ â†□

Coming Together

Features & Effects

- Mountain ranges
- Deep-sea trenches
- Volcanic arcs
- Subduction zones

TRANSFORM

â†‘ â^£ â†"

Sliding Past

Features & Effects

- Fault lines
- Frequent earthquakes
- Crust is neither created nor destroyed
- Offset stream beds

Educational Reference Material â€¢ Lithosphere Dynamics Chart