

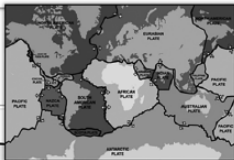
Concept Development

A **tectonic plate** is a large section of the Earth's surface which slowly moves.

- **Plate tectonics** have changed the patterns of land, seas, and mountains on Earth's surface.

- **Plate boundaries** are the places where two plates meet.

- There are three types of plate boundaries: *convergent, divergent, and transform.*



Click map to enlarge.

Plate Boundaries

Plate Boundary	Definition	Structure Formed
Convergent Boundary 	A convergent boundary occurs when one plate dives under another.	Mountains, Volcanoes, and Trenches
Divergent Boundary 	A divergent boundary occurs when plates pull away from each other.	Ridges, Rift Valleys, and Volcanoes
Transform Boundary 	A transform boundary occurs when plates slide past each other.	Fault Lines

CFU

Looking at the map, which of the following pairs of tectonic plates have a convergent boundary? How do you know?

A African and Antarctic Plates

B Australian and Pacific Plates

What is the difference between a **convergent boundary** and a **divergent boundary**?

Looking at the map, how do you know the **Pacific** and **North American Plates** have a **transform boundary**?

In your own words, what is a tectonic plate?

A tectonic plate is _____.