Geological Events Review Cards

Directions:

- Students can use the review cards individually or in pairs to review the concepts
- Each concept has four cards to match: Concept, Description, Diagram, Effects/Events

Continental Drift	At one time the continents were joined together, but over time they have moved slowly to their current locations	225 million years ago PRESENT DAY	Continents will continue to slowly move
Seafloor Spreading	Hot, less dense material below the Earth's crust rises up pushing older crust away in opposite directions	plate 1 plate 2 convection current convection current	New ocean floor is created
Plate Tectonics	The Earth's crust and part of the Upper Mantle are broken into sections that move	Gerda American Plate Pacific Plate Pacific Plate Pacific Plate Pacific Plate American Plate Pacific Plate Pacific Plate American Plate Pacific Plate American Plate Antarctic Plate Antarctic Plate Antarctic Plate	Plates will continue to move
Divergent Boundary	Two plates are moving apart	Plate Plate Asthenosphere	Rifts, Ridges, Volcanoes, Earthquakes, new crust

Convergent Boundary	Two plates collide		Mountains, Volcanoes, Trenches, and Earthquakes
Subduction Zone	Location where one plate sinks beneath another plate causing rock to melt and rise upward as magma		Trench and Volcano
Transform Boundary	Plates slide past one another	Plate Asthenosphere	Earthquakes, crust not created nor destroyed