

Earth's Layers Vocabulary

1. Composition: Makeup; manner of being composed
2. Inner Core: A solid sphere of metal, mainly nickel and iron, at **earth's center**
3. Crust: The layer of rock that forms Earth's **outer surface**
4. Density: The amount of mass in a given space; mass per unit volume
4. Lithosphere: A rigid layer made up of the uppermost part of the mantle and crust
5. Mantle: The layer of hot solid material **between Earth's crust and core**
6. Outer Core: A layer of molten metal, mainly nickel and iron **that surrounds earth's inner core**
7. Asthenosphere: The layer in Earth's upper mantle directly under the lithosphere
8. Tectonic Plates: The process in which the motion of a hot material under the crust changes and moves the crust of the Earth
9. Continental Drift: A hypothesis that Earth's continents move on the surface
10. Fault Lines: A crack in the Earth's surface
11. Pangaea: A super continent in which all of the existing continents were all connected. It began breaking apart about 200 million years ago.
12. Convection: a process by which energy is transferred to cause warmer less dense air or liquid to rise while the dense cooler liquid or air is pushed down.

Earth's Layers Vocabulary

1. Composition: Makeup; manner of being composed
2. Inner Core: A solid sphere of metal, mainly nickel and iron, at **earth's center**
3. Crust: The layer of rock that forms Earth's **outer surface**
4. Density: The amount of mass in a given space; mass per unit volume
4. Lithosphere: A rigid layer made up of the uppermost part of the mantle and crust
5. Mantle: The layer of hot solid material **between Earth's crust and core**
6. Outer Core: A layer of molten metal, mainly nickel and iron **that surrounds earth's inner core**
7. Asthenosphere: The layer in Earth's upper mantle directly under the lithosphere
8. Tectonic Plates: The process in which the motion of a hot material under the crust changes and moves the crust of the Earth
9. Continental Drift: A hypothesis that Earth's continents move on the surface
10. Fault Lines: A crack in the Earth's surface
11. Pangaea: A super continent in which all of the existing continents were all connected. It began breaking apart about 200 million years ago.
12. Convection: a process by which energy is transferred to cause warmer less dense air or liquid to rise while the dense cooler liquid or air is pushed down.