

<p>Earth Science #1</p> <p>"I want to know the 3 main layers of the earth, who has the innermost layer?"</p>	<p>"I have the core, which is made of mostly iron. Who has the thickest layer?"</p>	<p>"I have the mantle, which is made of molten, or melted rock. Who has the thinnest, outer layer?"</p>
<p>"I have the crust, which is where all life and landforms are found. Who has the 15 million-year-old, super-continent?"</p>	<p>"I have Pangaea, the super-continent. Who has the theory that gave evidence that Pangaea existed?"</p>	<p>"I have the Theory of Continental Drift. Fossil records on different continents help us see how Pangaea was put together. Who has the scientific name for the crust's movement?"</p>
<p>"I have plate tectonics, which says the earth is broken into large moving pieces. Who has the kind of plates that collide together?"</p>	<p>I have convergent plates, which collide together forming mountains and uplift. Who has the kind of convergent plates where one dives under another?"</p>	<p>"I have subduction where one plate dives (usually the older or heavier one) dives below the other. Who has the kind of plates that move away from each other?"</p>
<p>"I have divergent plates, which pull apart forming rift valleys and seafloor spreading. Who has the kind of plates that slide past each other?"</p>	<p>"I have transform faults that slide past each other causing earthquakes. Who has the plate where 75% of earthquakes and 80% of volcanoes happen?"</p>	<p>"I have the Pacific Plate, and its edges are known as the Ring of Fire. Who has the hot spot that is found in the middle of the Pacific Plate?"</p>

<p>"I have the Hawaiian Islands which were formed by underwater volcanoes. Who has the kind of oozing volcano that made the Hawaiian Islands?"</p>	<p>"I have shield volcanoes, known for forming islands and low dome-shaped mountains. Who has the largest volcanoes that build up after each explosive eruption?"</p>	<p>"I have composite stratovolcanoes which are usually located at convergent plate boundaries. Who has the smallest, fastest forming, most explosive volcano?"</p>
<p>"I have cinder cone volcanoes which usually have extremely steep sides. Who has the volcanic crater usually created after an eruption when the land collapses where the lava chamber once was?"</p>	<p>"I have a caldera, which is usually found at the mouth of the volcano. Who has magma that has erupted through the crust?"</p>	<p>"I have lava, which is made of molten or melted rock. Who has the deep canyon carved by the Colorado River?"</p>
<p>"I have the Grand Canyon, which took over 5000 years to form. Who has the force that weathered and eroded the Grand Canyon into what it is today?"</p>	<p>"I have the force of water, which can smooth rocks and carve canyons. Who has the force that can erode away the topsoil and make it hard to breathe?"</p>	<p>"I have the force of wind, which caused the Dust Bowl leaving many Americans hungry in the early 1900s. Who has the force that constantly pulls at us all?"</p>
<p>"I have gravity, which pulls at loose or unstable land. Who has the mass land movement that leaves a huge crater in the ground?"</p>	<p>"I have a sinkhole, which can leave a huge crater. Who has the kind of mass land movement that fills a basement with mud?"</p>	<p>"I have a mudslide, which can cause enormous amounts of damage. Isn't Earth Science amazing?"</p>