

Plate Tectonics



This is a list of tectonic plates on the Earth's surface. Tectonic plates are pieces of Earth's crust and uppermost mantle, together referred to as the lithosphere. Plate tectonics. The Earth's crust and upper part of the mantle are broken into large pieces called tectonic plates. These are constantly moving at a few centimeters per year. According to the theory of Plate Tectonics, the surface of the Earth is comprised of several plates, some very large, and several smaller. The plates slowly move. Plate tectonics is a scientific theory describing the large-scale motion of seven large plates and the movements of a larger number of smaller plates of the Earth's lithosphere. Plate tectonics definition is - a theory in geology: the lithosphere of the earth is divided into a small number of plates which float on and travel independently over the asthenosphere. How did one continent become seven? Join Tim and Moby on their expedition to explore plate tectonics! Plate tectonics is the process whereby Earth continually rebuilds itself and causes destructive events like earthquakes and volcanoes. The roles that convection currents and other forces play in the movement of Earth's tectonic plates. The theory of plate tectonics has done for geology what Charles Darwin's theory of evolution did for biology. It provides geology with a comprehensive theory. Plate tectonics is the theory that Earth's outer shell is divided into several plates that glide over the mantle, the rocky inner layer above the core. The plates act like a hard and rigid shell compared to Earth's mantle. Plate tectonics describes the motions of the 15 to 20 large rigid and brittle tectonic plates into which the Earth's outermost layer (called the lithosphere) is divided. Plate tectonics articles, information, maps and teaching ideas from Earth Science Education Resources. Plate tectonics is a theory of geology. It explains movement of the Earth's lithosphere which is the Earth's crust and the upper part of mantle. The lithosphere is divided into several plates, some of which are very big and can be entire continents. - 5 min - Uploaded by makemegenius Visit <http://www.makemegenius.com> for more science videos for kids. Our Earth is made of large tectonic plates. - 15 min - Uploaded by worldethq Tectonics of the Planet Earth [educational video] Chapter 3 Plate Tectonics Topic The theory - 3 min - Uploaded by MinuteEarth How do plate tectonics REALLY work? Please support us on Patreon at: <http://www.patreon.com/MinuteEarth> According to the theory of Plate Tectonics, the surface of the Earth is comprised of several plates, some very large, and several smaller. The plates slowly move. Learn about how plates move and their impact on the Earth's surface.