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Volcanoes & Earthquakes

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| **Across****4.** In geology a seismic wave that travels through the body of a medium **5.** Liquid rock that forms under earths surface **8.** The sudden return of elastically deformed rock to its undeformed shape **13.** Giant pieces of the Earth's thin, outermost layer that move around on top of a layer of plastic rock**17.**  a giant, fast moving wave that is caused by an earthquake or volcano**18.** An area on earths surface where no direct seismic waves from a particular earthquake can be detected **19.** A volcanically active area of earths surface commonly far from a tectonic plate boundary **20.** A break in the Earth's crust along which blocks of the crust slide relative to one another**22.**  a seismic wave that causes particles of rock to move in a side-to-side direction**23.** A vent or fissure in earths surface through which magma and gases are expelled **24.** A measure of the strength of an earthquake**25.** The study of earthquakes | **Down****1.**  A seismic wave that causes particles of rock to move in a back-and-forth direction**2.** An area along a fault where relatively few earthquakes have occurred recently but where strong earthquakes have occurred in the past**3.** A movement or trembling of the ground that is caused by a sudden release of energy when rocks along a fault move **6.** the remains of something that has been destroyed or broken up**7.** Fragments of rock that form during a volcanic eruption **9.** The bending, tilting, and breaking of the Earth's crust; the change in the shape of rock in response to stress**10.** Describes magma or igneous rocks that is rich in magnesium and iron and that is generally dark in color **11.** Any activity that includes the movement of magma toward onto earths surface **12.**  Process of making older structures more earthquake resistant**14.** a side vent**15.** Describes magma or igneous rock that is rich in feldspar and silica and that is generally light in color**16.** The point on earths surface directly above an earthquakes starting point or focus **21.** Magma that flows into earths surface the rock that forms when lava cools and solidifies  |