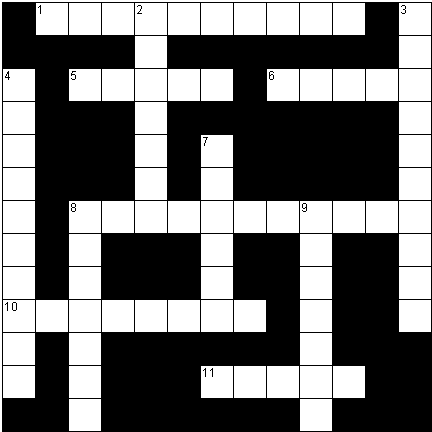
Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



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| **Across**  **1.**A shaking or trembling of the earth that is volcanic or tectonic in origin **5.**Outermost layer of the earth **6.**Fracture where blocks of crust on either side move **8.**An instrument that records the earth’s vibrations **10.**A sudden event bringing great destruction **11.**Energy that travels through the earth | | **Down**  **2.**Large ocean wave caused by an underwater earthquake or volcanic eruption **3.**An earthquake that happens after the main earthquake **4.**Location of 1994 earthquake that measured 6.7 on the Richter scale and killed 57 people **7.**Harm resulting from injury to person or property **8.**Concerning an earthquake or earth vibration **9.**Scale used to measure the magnitude of an earthquake | | | |
|  | | | |  | volcanotitle2  **Across**  **2** Very broad volcano with gentle slopes formed from basalt lava flows. (6)  **5** A volcano that has not erupted for a long time but may erupt again some time in the future. (7)  **7** An instrument that measures vibrations of the earth. (11)  **10** Fine particles of pulverized rock blown from an explosion vent. (3)  **11** An event when a volcano ejects gas, liquid and solid materials into the atmosphere and surrounding area. (8)  **12** The theory that the landmasses on the earth’s crust slowly move away or toward each other. (11,5)  **15** Smooth glassy rock that forms when lava cools so fast that there is no time for crystals to form. (8)  **16** A steep-sided, usually circular depression formed by either explosion or collapse at a volcanic vent. (6) |
| **Down**  **1** The area of the earth at the surface. (5)  **3** A mudflow on a volcano. (5)  **4** Shield volcanoes are almost entirely composed of this kind of very fluid lava. (6)  **6** A passage followed by magma in a volcano. (7)  **8** A type of rock formed when molten rock solidifies. (7)  **9** The property of flowing very quickly in a liquid. (5)  **11** To temporarily move people away from danger. (8)  **13** A volcano that hasn’t erupted in a long time and is unlikely to erupt again. (7) | | **14** A crack or fracture in the earth's surface. (5)  **16** Large volcanoes with steep slopes that commonly collapse or explode at the top, giving them a bowl for a crater. (9)  **17** A basin-shaped volcanic depression. (7)  **18** A sheet of igneous rock that protrudes into the surrounding layers of rock. (4)  **20** Molten rock under the surface. (5)  **21** Molten rock at the surface. (4)   1. An opening of a conduit at the   surface from which lava or  gas can escape. (4) | |  | **17** A smaller volcano with steep slopes. A volcanic cone built entirely of loose fragmented material. (6,4)  **19** Frothy volcanic rock, formed by expanding gas bubbles in erupting lava. (6)  **22** The property of flowing very slowly in a liquid. (7)  **23** A volcano that is erupting or has erupted recently. (6)   1. The area of the earth that is below the crust. (6)   volcano3b |