

Volcano Worksheet Answer Key

Instructions: Follow the directions for each part of this worksheet.

Part One: Matching. Match the definitions with the correct words. Write the letter for the definition in front of the matching word for that definition. Use each word only once.

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| 1. <u>E</u> ash | A) material set down by a natural process |
| 2. <u>F</u> debris | B) molten volcanic rock below the earth's surface |
| 3. <u>I</u> lava | C) their leaves drop off every year |
| 4. <u>B</u> magma | D) A type of lava flow of super hot rocks, ash and gases |
| 5. <u>J</u> mudflow | E) very small rock particles ejected from a volcano |
| 6. <u>C</u> deciduous trees | F) accumulation of loose rock and plant fragments |
| 7. <u>G</u> fertilizing | G) adding to the soil something to help plants grow |
| 8. <u>H</u> ecosystem | H) all the plants, animals, etc that live in a certain place |
| 9. <u>D</u> pyroclastic flows | I) molten rock at the earth's surface |
| 10. <u>A</u> deposit | J) mud, rock, water and debris that flows down valleys |

Part Two: Fill in the Blank. Use the words provided below to fill in the blanks in these sentences. Words may be used more than once or not at all.

blast zone	lava dome	magma chamber	pumice
steam explosion	lava	magma	bacteria
coniferous trees	larvae	organic material	mudflow

1. A lava dome is usually a rounded and steep sided formation of thick, hardened lava or magma.
2. An explosive release of steam, usually occurring when water comes into contact with hot rock or magma is called a steam explosion.
3. Bacteria are one celled living creatures that are so small they can only be seen through a microscope.
4. Young insects that don't have wings yet and look like worms are called larvae.
5. An area of about 230 square miles around Mount St. Helens, the blast zone, was affected by the heat and force of the lateral blast.
6. Pumice is a light colored, frothy volcanic rock that may float in water because of the bubbles trapped inside.
7. Molten material comes to the surface during an eruption from a magma chamber, an underground pocket of magma

