

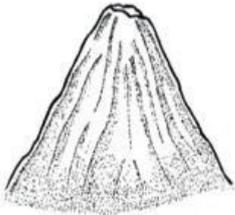
# LEARNING ACTIVITY SHEET

## Grade 9- Science

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Rating/ Score \_\_\_\_\_

### VOLCANO

I. DIRECTIONS: Fill in the table using the terms in the magma bank.

ILLUSTRATION	FORM OF VOLCANO	CHARACTERISTIC OF LAVA	SHAPE OF VOLCANO	TYPE OF ERUPTION
				
				
				

TALL AND STEEP	SHIELD	OVAL CONE	CINDER CONE
FLUID LAVA	SILENT	DOME SHAPE	COMPOSITE
VISCOUS LAVA	EXPLOSIVE	LESS VISCOUS	
	VIOLENT AND EXPLOSIVE		

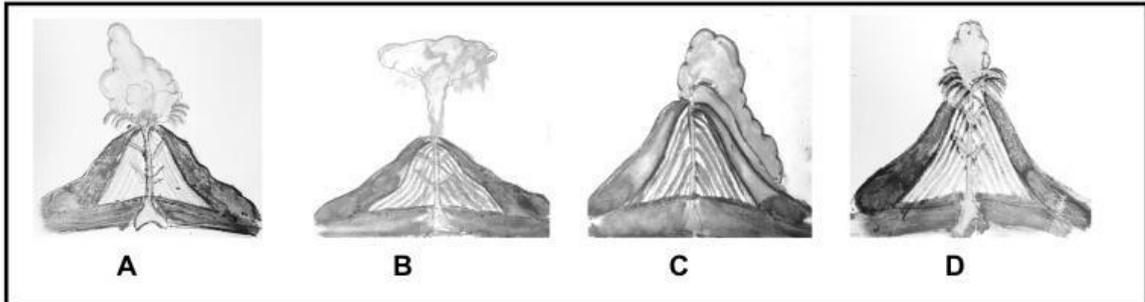
Specific Week: 1-2 (LAS 1)

Target Competency: Describe the different types of volcanoes and volcanic eruption  
Explain what happens when volcanoes erupt (S9ES-IIIb-27)

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**II. DIRECTIONS:** Identify the types of volcanic eruption using the jumbled letters. Write the types of volcanic eruption being described in each statement.



A. ANULCVINA \_\_\_\_\_ C. LANEPE \_\_\_\_\_  
 B. ALINPIN \_\_\_\_\_ D. TORONLIMABS \_\_\_\_\_

- \_\_\_\_\_ 1. It is characterized by a tall eruption cloud that forms like an umbrella.
- \_\_\_\_\_ 2. Glowing avalanche of hot volcanic ash, called pyroclastic flow.
- \_\_\_\_\_ 3. It is characterized by a lava fountain.
- \_\_\_\_\_ 4. Eruption column can reach up to 20 km high.

**III. DIRECTIONS:** Match the type of volcanic eruption with the descriptions of magma. Write the letter of the correct answer on the space provided below the type of eruption.

1. Explosive Eruption	2. Violent Eruption	3. Silent Eruption
_____	_____	_____
<p>MAGMA has</p> <ul style="list-style-type: none"> <li>• Very high temperature</li> <li>• Greater amount of dissolved gas</li> <li>• Very high silica content</li> </ul> <p style="text-align: center;"><b>A</b></p>	<p>MAGMA has</p> <ul style="list-style-type: none"> <li>• Low temperature</li> <li>• Less amount of dissolved gas</li> <li>• Low silica content</li> </ul> <p style="text-align: center;"><b>B</b></p>	<p>MAGMA has</p> <ul style="list-style-type: none"> <li>• High temperature</li> <li>• More amount of dissolved gas</li> <li>• High silica content</li> </ul> <p style="text-align: center;"><b>C</b></p>

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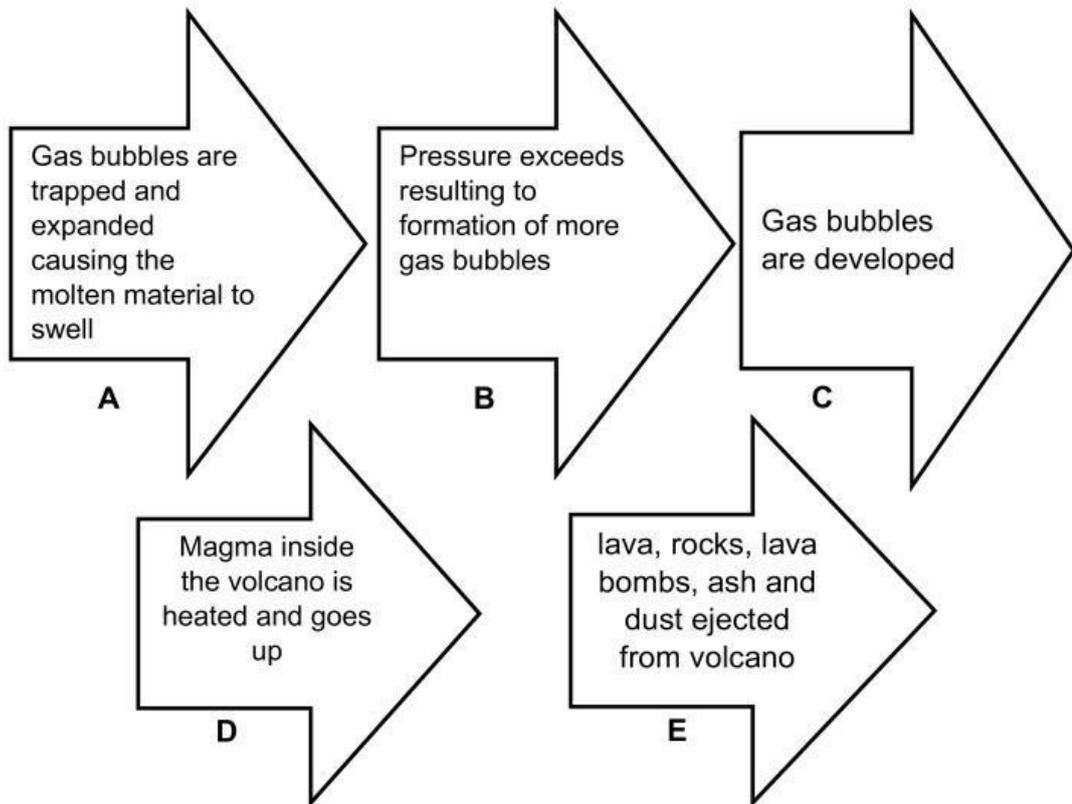
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**IV. DIRECTIONS:** Write **FACT** if the statement is true and **BLUFF** if it is not.

- \_\_\_\_\_ 1. The higher the temperature of magma, the more viscous it is.
- \_\_\_\_\_ 2. The magma with less silica content has low viscosity, hence it travels the great distance.
- \_\_\_\_\_ 3. The lower the amount of gases in the magma, the more viscous it is.
- \_\_\_\_\_ 4. Magma with high silica content is less viscous than magma with low silica content
- \_\_\_\_\_ 5. Magma with high temperature tends to flow easier than magma with low temperature.

**V. DIRECTIONS:** Arrange the sequence of events in volcanic eruption.  
Write the answer on the space provided below.



**Answer:** \_\_\_\_\_

**Specific Week:** 1-2 (LAS 1)

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