

**First Semester of the Academic Year 1447-2025**

**Worksheet 14**

<b>Level</b>	<b>Primary</b>	<b>Name</b>	
<b>Subject</b>	<b>Science</b>	<b>Class</b>	<b>Grade 5</b>

◆ Choose the correct answer from the options below: a, b, or c:

**1. What is the epicenter of an earthquake?**

- A) The point on the Earth's surface directly above the earthquake's focus
- B) The location where the earthquake starts deep within the Earth
- C) The place where the largest aftershock occurs
- D) The center of the volcano that caused the earthquake

**2. Which of the following causes a tsunami?**

- A) Heavy rainfall
- B) Underwater earthquakes
- C) Strong winds
- D) Volcanic eruptions on land

**3. What is lava?**

- A) Molten rock beneath the Earth's surface
- B) Solidified rock from a volcano
- C) Water from an underwater volcano
- D) Hot gases released during an earthquake

**4. Which process wears down rocks by wind and water?**

- A) Erosion
- B) Weathering
- C) Sedimentation
- D) Volcanism

**5. What does physical weathering refer to?**

- A) Chemical breakdown of rocks.
- B) The breakdown of rocks without changing their composition.
- C) The process of sediment being deposited by water.
- D) The breaking of rocks due to volcanic activity .

◆ Look at the pictures , and choose the correct natural event for each picture:

***Volcano - Tsunami - Earthquake***



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◆ Choose the true ( T ) for the correct answer or false ( F ) for the incorrect answer

- 1. Earthquakes occur only under the ocean. (            )
- 2. A volcano is a crack in the Earth's surface through which molten rock and gases are expelled. (            )
- 3. Weathering and erosion are the same process. (            )
- 4. Tsunamis can be caused by underwater volcanic eruptions. (            )
- 5. Erosion can occur without any water movement (            )