



# VOLCANOES

1. What is the major factor that determines the shape of a volcano?
  - Height of the volcano
  - Composition of its magma
  - Size of its base
  - Location on Earth
  
2. What is the term for a volcano that has not erupted for a long time but may erupt again?

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3. What are the world's largest active volcanoes?
  - Lava domes
  - Cinder cones
  - Stratovolcanoes
  - Shield volcanoes
  
4. What volcano has relatively steep sides and is more cone-shaped than shield volcanoes?

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5. True or False: All volcanoes have a central vent.
  - True
  - False

6. Fill in the blank

A **Tiltmeter / Barometer / Pedometer** helps scientists detect small changes in a volcano's shape.

7. What volcanic feature is created by the collapse of a volcano into itself?

- Lava plateau
- Caldera
- Volcanic neck
- Pyroclastic flow

8. What leads to most volcanic eruptions?

- Meteor impacts
- Tidal forces
- Movement of tectonic plates
- Solar flares

9. Where do the majority of Earth's volcanoes occur?

- Deserts
- The Ring of Fire
- Isolated islands
- The Polar regions

10. What is the Ring of Fire?

- A circle of volcanoes around the Pacific Ocean
- A scientific theory about the origin of life on Earth
- A famous hiking trail around active volcanoes in South America

11. How does silica content affect volcanic lava?

- Increases viscosity
- Decreases temperature
- Changes color to green
- Makes it less dangerous

12. What is the name of the scientific study of earthquakes?

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13. What does the term "pyroclastic flow" refer to?

- A slow-moving lava flow
- A type of volcanic ash cloud
- A method of predicting volcanic eruptions
- A fast-moving current of hot gas and volcanic materials

14. Fill in the blank with the correct type of lava.

**Andesite / Rhyolite / Pahoehoe** is the type of lava characterized by a smooth and billowy surface.

15. What type of volcanic eruption is characterised by the explosive ejection of tephra and gas?

- Effusive eruption
- Plinian eruption
- Strombolian eruption
- Hawaiian eruption