

# Module 7: Plate Tectonics and Earth's Structure

## Topic 3 Content: Types of Volcanoes Notes

### Introduction


#### Types of Volcanoes

Shield Volcano

Cinder Cone

Stratovolcano

#### Introduction



Volcanoes are classified into three major types based on their size and composition. In this activity, click on each of the tabs to learn about the three different types of volcanoes.

*Image: Mt. Saint Helens in Washington State*

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## Topic 3 Content: Types of Volcanoes Notes

### Shield Volcano

#### Types of Volcanoes

Shield Volcano



A shield volcano is wide, with a gentle slope that forms from basaltic lava.

*Image: Kilauea in Hawaii*

Cinder Cone

Stratovolcano

A shield volcano is wide, with a gentle slope that forms from basaltic lava.

*Image: Kilauea in Hawaii*

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## Topic 3 Content: Types of Volcanoes Notes

### Cinder Cone


**Types of Volcanoes**

Shield Volcano

Cinder Cone

Stratovolcano

**Cinder Cone**



A cinder cone volcano is relatively small, and it is primarily built from the pyroclastic material ejected from a single eruption.

*Image: Veyo in Utah*

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## Topic 3 Content: Types of Volcanoes Notes

### Stratovolcano

#### Types of Volcanoes

- Shield Volcano
- Cinder Cone
- Stratovolcano

#### Stratovolcano



A stratovolcano, or composite volcano, is built from both lava flows, as well as the collection of pyroclastic material from previous eruptions. These volcanoes are large like shield volcanoes, but usually take a shape similar to a cinder cone volcano.

*Image: Mt. Rainer in Washington State*

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