



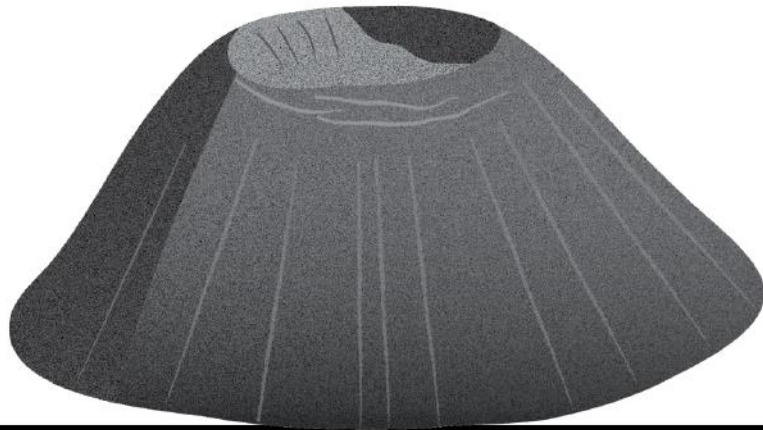
Volcanoes

LC2 Science By: Mrs. Bernsdorff



Day 2

TYPES of VOLCANOES



Stratovolcano



Shield Volcano

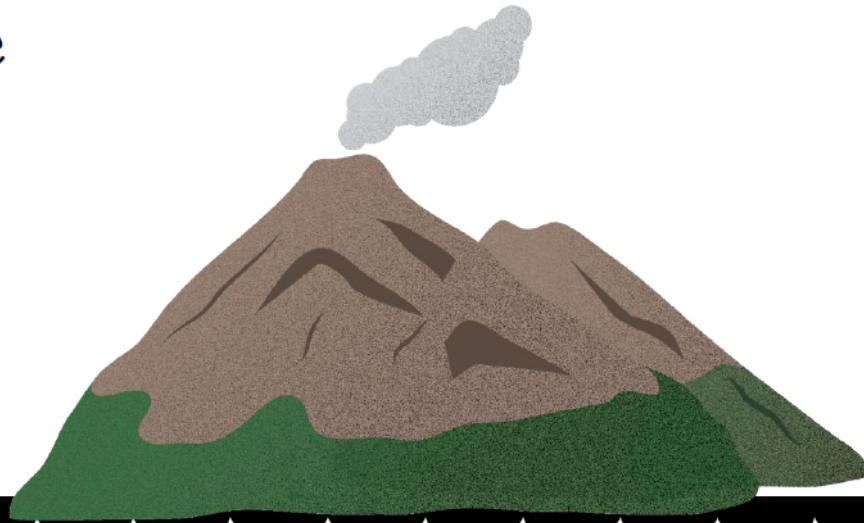


Cinder Cone Volcano



COMPOSITE VOLCANO

- Tall mountains created from repeated layers of hardened lava and ashes.
- Lava escapes composite volcanoes through multiple vents and cracks on the volcano's surface



Name _____

Composite Volcanoes

1

2

3

3 Types of Volcanoes Reading Passage



Stratovolcano

Stratovolcanoes are also called composite volcanoes because they are built of layers of lava, rock, and ash. They are larger than cinder cones, and can reach 8000 feet. Stratovolcanoes have many vents that lead out from the magma chamber. They erupt with great violence. Oftentimes lava comes out the side vents as well as the crater.



Draw a picture of a stratovolcano.



They can reach:

- ☐ 10,000 feet
- ☐ 2,000 feet
- ☒ 8,000 feet

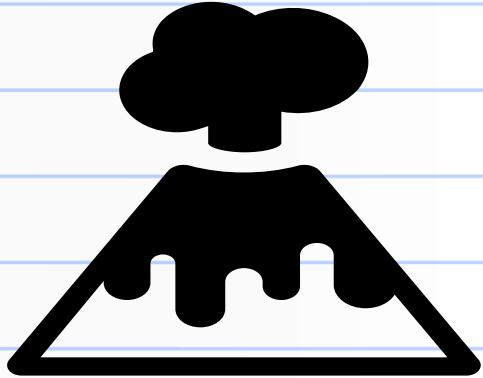
They have many:

- ☐ Craters
- ☒ Vents
- ☐ Cones

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1



2

8,000 ft

3

Vents

Volcanoes

SHIELD VOLCANO

- Large base and sloping sides
- Formed over time by numerous eruptions of thin lava that can easily travel down the side of the volcano.
- Lava may travel a great distance before cooling down and coming to a stop.



Name _____

Shield Volcanoes

1

2

3

3 Types of Volcanoes Reading Passage

Shield Volcano



Shield volcanoes have very hot and runny lava. This flows down the sides of the volcano creating a broad, gently sloping shape. These volcanoes get their name from their shape resembling a warrior's shield. Many of the largest volcanoes on Earth are shield volcanoes. The biggest is Mauna Loa in Hawaii.



Draw a picture of a shield volcano.



Shield volcanoes have:

- ☐ Straight sides
- ☐ A cone shape
- ☒ A broad shape

Shield volcanoes are:

- ☐ Very small
- ☒ Very large
- ☐ Very narrow

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Volcanoes

1



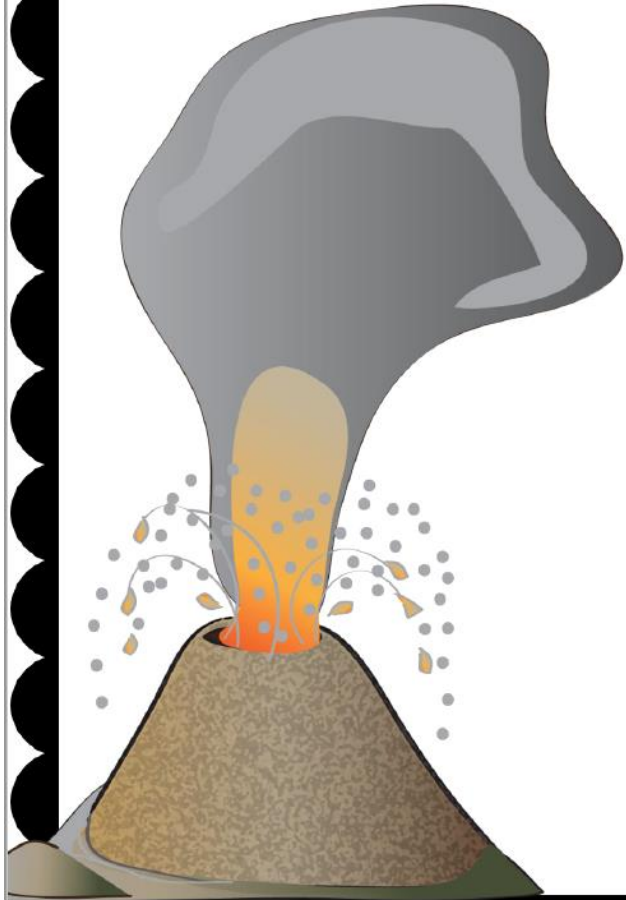
2

A Broad shape

3

Very Large

CINDER CONE VOLCANO



- Cone-shaped mountains with a narrow base.
- Eruptions send thick pieces of lava high into the air.
- Lava falls back down around the vent as large chunks.

Name _____

Cinder Cone Volcanoes

1

2

3

3 Types of Volcanoes Reading Passage

Cinder Cone Volcano

A cinder cone volcano is the most common type of volcano and has the symmetrical cone shape that is most recognizable to people. It has straight sides and tall, steep slopes. It usually is smaller in size. This volcano has



dramatic eruptions in which ash and rock billow high into the air while lava pours down the sides.

Draw a picture of a cinder cone volcano.



The cinder cone is the:

- ☐ Least common
- ☒ Most common
- ☐ Tallest

The cinder cone is:

- ☐ Taller in size
- ☐ The widest type
- ☒ Smaller in size

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1



2

Most Common

3

Smaller in size

Volcanoes