

Volcanic Necks, Dikes, and Sills

- A neck will form from the hardened magma in the exit pipe of a volcano.
- The magma that pushes itself across the land forms a dike.



- when magma makes its way through the layer of a volcano, it is called a sill.

Batholiths and Dome Mountains

- A dome mountain is created by small bodies of magma.
- When the bodies of magma harden it creates a dome mountain.
- A batholith is the core of a mountain range or the center.



Quiet Eruptions

- These eruptions are quiet because the magma is very runny. This is unlike the explosive.
- The squirt fountain is made up of hot gases.
- When the lava dries it creates a dome over the volcano.
- All this together makes a quiet eruption.



Explosive Eruptions

- These eruptions are loud because the magma has hardened some while in the volcano.
- The hardened magma clogs the exit pipe. As the magma builds it gets more explosive.
- When the magma finally blows it makes a very loud sound.
- Hence the name explosive eruption.
- All these items put together make an explosive eruption.



Award winning

Shield volcano
Cinder cone volcano
Composite volcano

Volcanic landforms

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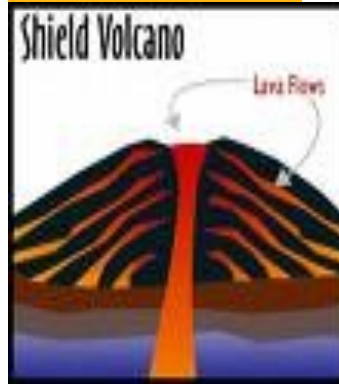
Composite Volcanoes

- A composite volcano is a tall cone shaped mountain in which layers of lava harden and alternate with ash and other volcanic materials.
- Some examples are :
mount Fuji in Japan, or
mount st. Helens in Washington state.
- This volcano is very steep
- This is the volcano that make a ring of fire
- An example is the one that has part of land in the ring in California



Shield Volcanoes

- A shield volcano is a volcano that rises from the ground.
- This is similar to the ones that made Hawaii
- These volcanoes are slightly sloped.
- As time goes on they become much wider
- A shield volcano is very wide.



Cinder Cone Volcanoes



- This volcano is a volcano with very steep sides.
- With its steep sides it may seem big but really is quit small.
- The lava from one of these is very thick.
- The materials from one of these makes the



volcano so steep.

- An example is the one in Paricutin in Mexico