

The interior of the volcano



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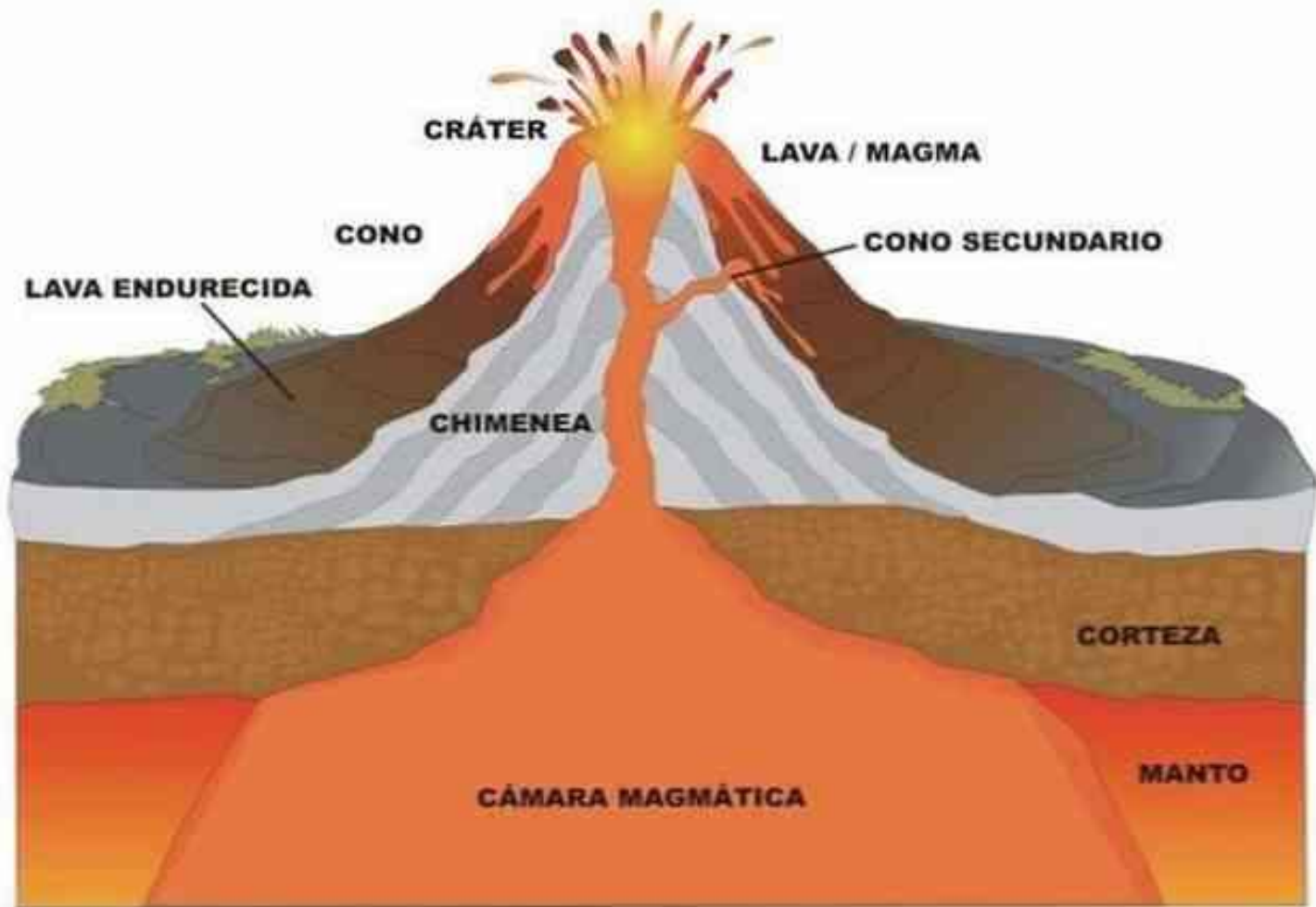
WHAT IS THE VOLCANO?

Volcanoes are openings on the earth's surface from which gases and hot stones escape and cover the surrounding area.



VOLCANO STRUCTURE

Some volcanoes are just large cracks in the ground. Others are cone-shaped mountains with a hole at the top. This hole is called a **spout or crater**. As long as molten stones are not found in the earth they are known as **magma**. But when they reach the surface of the earth, they are now called **lava**. As the lava flies from **the crater** it freezes and becomes stiffer. The layers of lava, ash and coals from the volcano, come together to form the **cone**.



CRATER

It is the opening located at the top and crosses the lava, ash and all pyroclastic materials. There are many craters that vary in size and shape, although the most common is that they are rounded and wide. There are some volcanoes that have more than one crater.



CALDERA

It is one of the parts of a volcano that is often confused with the crater. However, it is a large depression that is formed when the volcano releases almost all the materials from the magma chamber in an eruption. The caldera creates some instability in the volcano of life that it lacks for its structural support. This lack of structure inside the volcano causes the soil to collapse inwards. This caldera is much larger in size than the crater. Keep in mind that not all volcanoes have a caldera.



VOLCANIC CONE

It is the accumulation of lava that solidifies as it cools down. Also part of the volcanic cone are all the pyroclasts outside the volcano that are produced by eruptions or eruptions over time. Depending on the number of rashes you have had throughout your life, the cone can vary both in thickness and size.



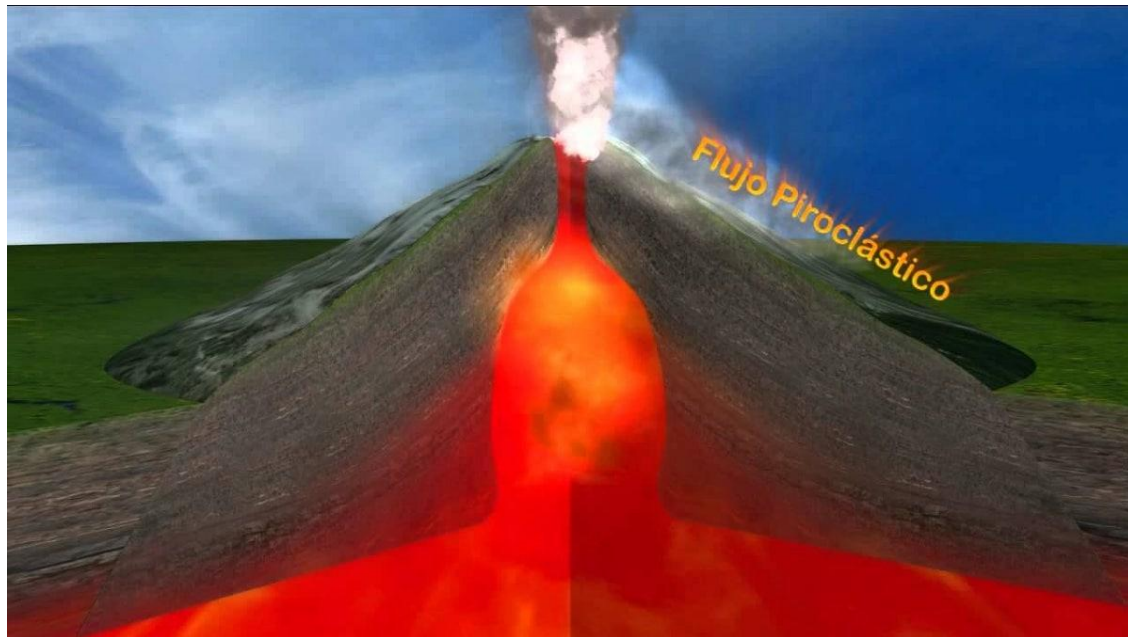
SLITS

These are the cracks that occur in the areas where magma is expelled. They are cracks or cracks with an elongated shape that gives ventilation to the inside and that takes place in the areas where magma and internal gases are expelled towards the surface.



CHIMNEY

- The chimney is the duct through which the magma chamber and the crater are connected. It is the part of the volcano where lava is carried out for its deportation. In addition, and the gases released during an explosion pass through this area.



HOW TO EXCRETE A VOLCANO

Volcanic eruptions It is one of the greatest spectacles that nature offers us. Impressive, shocking and sometimes dangerous: they have everything to fear humanity ... Or on the contrary, they want to get as close to them as possible in order to contemplate their beauty. A beauty of fire, ash, and sometimes even lightning. This turns out gases and molten rock accumulate in it, forcing the magma, which is several kilometers from the surface, to rise due to pressure. As he does so, he melts the rocks on his way, adding more pressure. Finally, when it "can't get anymore", it is when it erupts more or less violently depending on the characteristics of the volcano, expelling ashes and dust into the atmosphere



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