

Riverside Primary – Geography Knowledge Organiser LKS2 Volcanoes

Topic: Volcanoes

Phase: LKS2

NC Strand: Human and Physical Geography

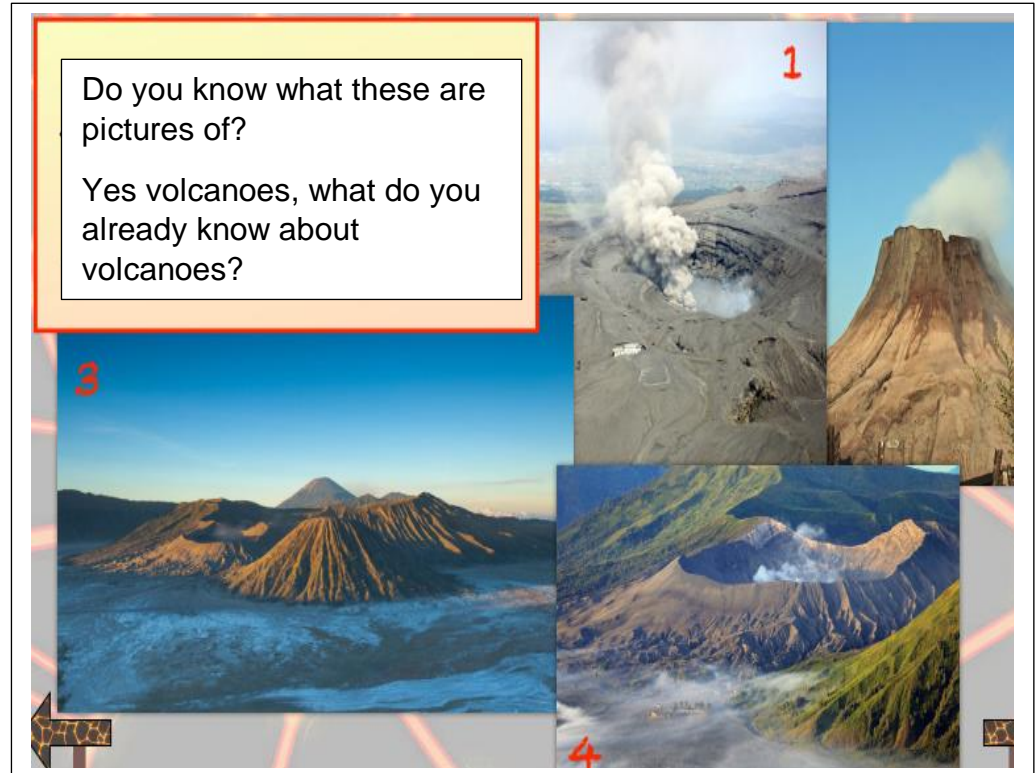
Key Vocabulary:

<b>volcano</b>	A volcano is a mountain or hill that has a vent, through which lava, rocks and gas erupt.
<b>hemisphere</b>	Our world is made up of two hemispheres the northern hemisphere and the southern hemisphere.
<b>equator</b>	An imaginary line that divides the two hemispheres.
<b>lava</b>	Molten rock that erupts from the volcano.
<b>conduit</b>	An underground passage magma travels through.
<b>ash</b>	Fine particles of rock blown from a volcano.
<b>vent</b>	An opening at the Earth's surface.
<b>flank</b>	The side of a volcano. The summit is the highest point.
<b>throat</b>	The entrance of a volcano that releases lava.
<b>crater</b>	The steep-sided mouth of a volcano.
<b>magma</b>	Molten rock beneath the Earth's surface.
<b>active volcano</b>	This means a volcano has erupted in the past 10,000 years.
<b>dormant volcano</b>	This means a volcano has not erupted for a while but could possibly erupt again.
<b>extinct volcano</b>	This means a volcano has not erupted in the past 10,000 years and is not expected to erupt again.

**Human and physical geography** - Identify seasonal and daily weather patterns and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles.

Do you know what these are pictures of?

Yes volcanoes, what do you already know about volcanoes?



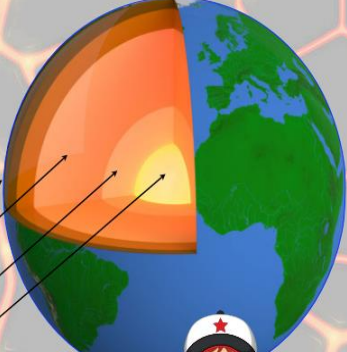


This is Mount Vesuvius. It is a volcano found near Naples, which is a city in Italy.

Let's talk about the Earth's structure. That will help you understand how volcanoes erupt.

The Earth is made up of different layers.

- The Crust
- The Mantle
- The Outer Core



Here are some types of volcano eruptions.

Hawaiian Eruption	Strombolian Eruption	Vulcanian Eruption
Peleian Eruption	Plinian Eruption	Surtseyan Eruption
Submarine Eruption		



### Do you know?

Lava	Ash
Conduit	Vent
Magma	Crater
Flank	Throat

Hmmm.  
What do these words mean?



### Did you know?

The earth is made up of different layers.

← There are different types of volcano eruptions.

Harmful substances are released when volcanoes erupt.

There are three main ways a volcano is formed: Composite volcano, shield volcano and dome volcano.



What is happening here?

This is how a volcano erupts:

Firstly, magma rises through cracks in the volcano.

Then, pressure builds up inside the volcano.

The magma then explodes out of the volcano (this is known as lava).

When the lava cools it forms new crust/rock and the volcano becomes bigger.

Remember a volcano is an opening in the Earth's surface.

