

By  
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Hooper**

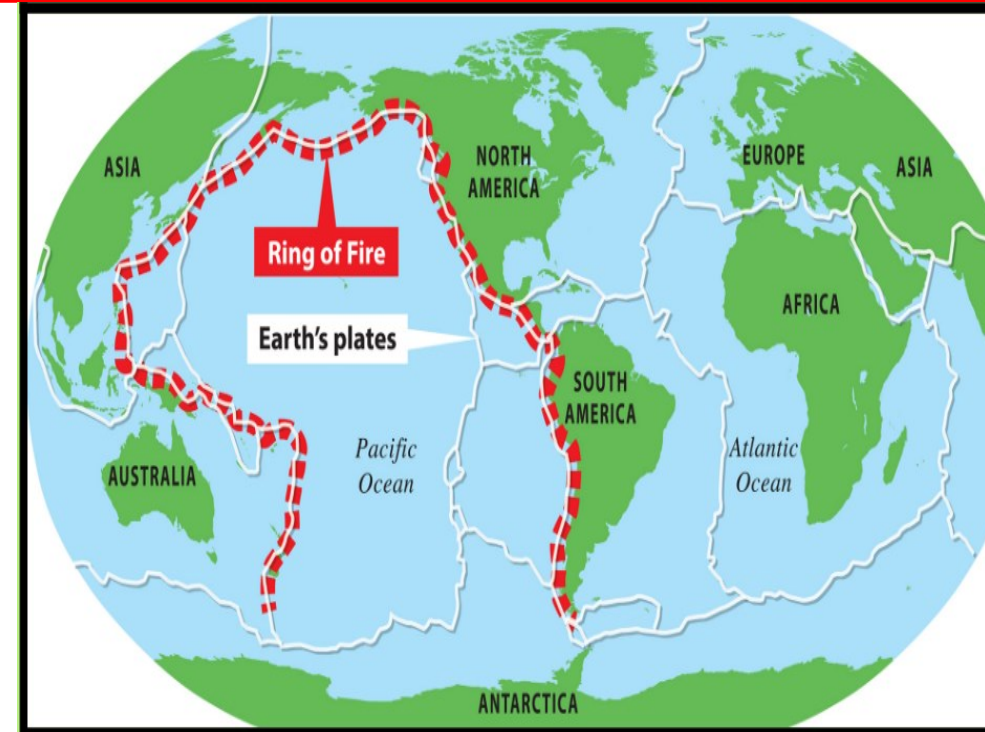
# Where are the volcanoes hiding?

Volcanoes are formed when magma, which is located in the Earth's core, pushes its way upwards through a long shaft, which creates new igneous rock.

Most volcanoes of this type are found around the edges of the Pacific Ocean. This huge circle of volcanoes is known as the Ring of Fire.

During a volcanic eruption, hot melted rock called magma escapes from a vent in Earth's crust, when it reaches the surface it becomes lava.

Earth's crust is made up of huge, rocky pieces called plates. The plates move slowly over the crust. Most volcanoes lie along the boundaries between these plates. Some of the most violent eruptions take place where the edge of one plate is forced beneath the edge of another.



**Active volcanoes:**

recent history of eruptions.

**Dormant volcanoes:**

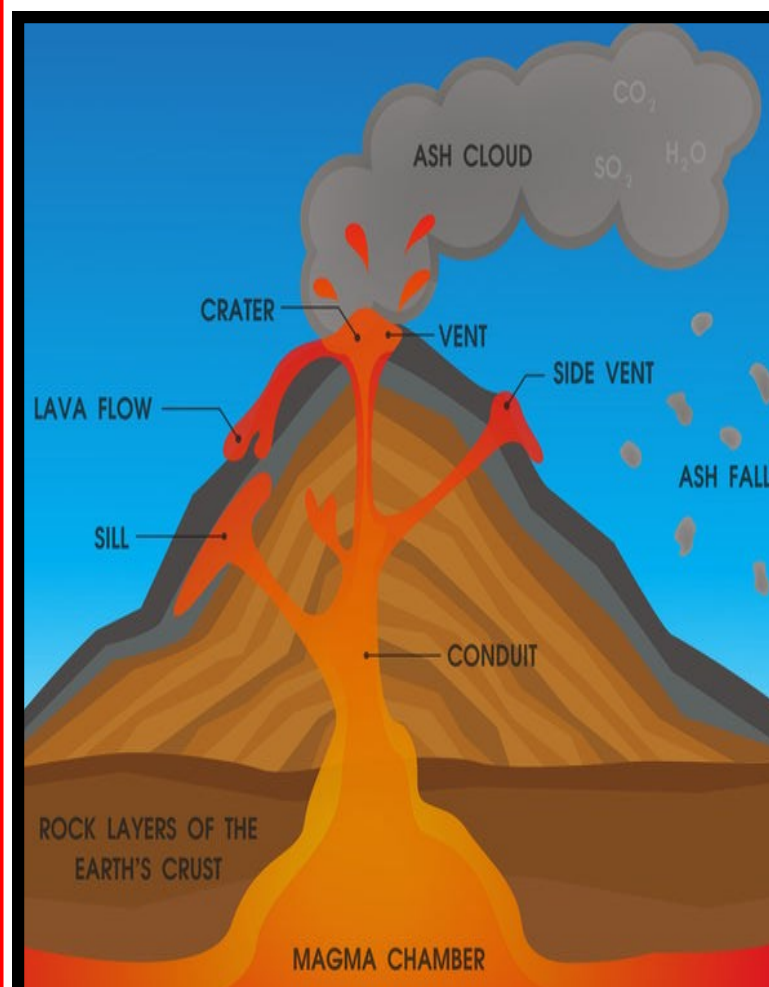
have not erupted for a long time.

**Extinct volcanoes:**

are not expected to erupt in the future.



- magma** molten rock within the earth.
- mantle** the widest layer of the earth at approximately 2900km thick
- sill** A flat piece of rock formed when magma hardens in a crack in a volcano
- vent** The opening through which lava, ash and gas explode out
- lava** Molten rock that escapes a volcano and flows on the outside
- conduit** An underground passage through which magma travels to the surface of a volcano.
- tectonic** The structure of the Earth's crust and large scale processes of movement.
- crust** The outermost layer of our planet; it's a thin shell that surrounds the entire Earth.
- core** Centre of the Earth made from iron and nickel

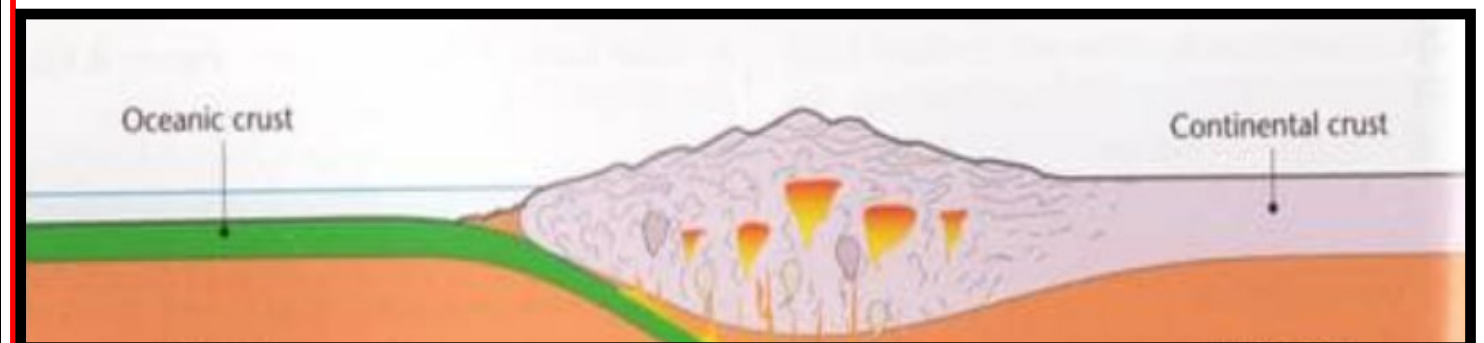


An extinct volcano, in Whitwick (7.7 miles away from Robert Bakewell) was responsible for the fine-grained igneous rocks that Beacon Hill consists of.



Mountains are areas of land that are much higher than the land surrounding them. They are higher and usually steeper than a hill and are generally over 600 metres high. They are often found together in a group called a mountain range.

The highest mountain ranges are created by tectonic plates pushing together and forcing the ground up where they meet.



## P.E

Co-operation  
Teamwork  
Trust  
Goal  
Directions  
Balance  
Gliding  
Front Crawl  
Backstroke

## Reading

Visualisation  
Senses  
Imagination  
Adjectives  
Personification

## English/Grammar

Preposition Noun Pronoun  
Prepositional Phrase Adjective  
Noun Phrase (Simple and Expanded)  
Relative Clause Commas  
Relative Pronoun Main Clause  
Subordinate Clause Similarities  
Differences Questions  
Observations Comparisons  
Visualisation Poetry

## RSHE

Excluded  
Team  
Responsibility  
Democracy  
Consequence  
Rights

## Science

Solids  
Liquids  
Gases  
Particles  
Matter  
Material  
State

# Autumn One

## Maths

Roman Numerals  
Thousands Hundreds  
Tens Ones  
Partitioning Ordering  
Number Line Addition  
Rounding Comparing  
Counting Twenty Fives  
Negative Numbers  
Exchange Subtraction  
Estimate Checking

## Music

Instruments Classical Folk Tempo  
Dynamics Piano Forte Jazz Blues  
Rock Country Reggae Soul Pop  
Funk Disco Hip Hop

## Geography

Magma Chamber  
Conduits Vents  
Craters Sill Ash  
Cloud Throat  
Mountain Lava  
Dormant Extinct  
Active

## R.E

Hindu Aum  
Brahman Sacred  
God Vishnu Ganesh

## Computing

Report Spam Attachment  
Phishing Digital Footprint

## Art

Joseph Mallord William Turner  
Landscape Light Dark  
Atmosphere Tones Critique