

Shaping the Environment Y5



How you can help at home:

Look at BBC Bitesize on Mountains, Volcanoes and Earthquakes

Go for a hike up the highest mountain you can muster! Use an OS map, if you have one.

Go for a hike by a river or a gorge and notice its shape

Sticky knowledge:

Know where the world's largest mountain ranges are and how fold mountains are formed

Know how volcanoes form and where volcanoes are.

Know where earthquakes frequently occur.

Know that rivers can form 'V' shaped valleys and glaciers can form 'U' shaped valleys through erosion.

Prior Learning

Future Learning

In KS1 children learn what a mountain is and where Mount Kenya is located.

In KS3 pupils will study features of the physical landscape in more detail. The geographical knowledge and skills in this unit will equip them for this further study.

Key Vocabulary

Word	Definition
mountain range	A series of high and connected mountains
tectonic plates	Large moving parts of the earth's crust
fold mountains	Mountains formed when tectonic plates collide
volcano	A mountain through which lava, gas and vapour can erupt through the earth's crust.
earthquake	The violent shaking of the ground from the movement of the earth's crust.
weathering	The weather breaking rock in its place
erosion	The weather carrying rock away
valley	Low area of land between hills or mountains - V shaped by rivers and U shaped by glaciers
gorge	Steep sided valley formed by a waterfall