

Maple Tree Primary School MAPLE TREE Year 3 – Why Do People Live Near Volcanoes?

Learning. Equality. Achievement. Friendship.

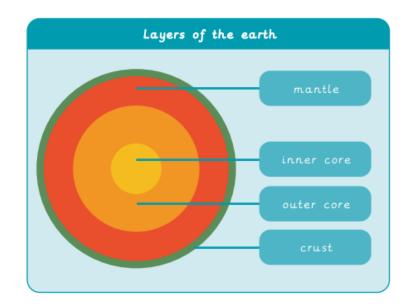
What should I already know?

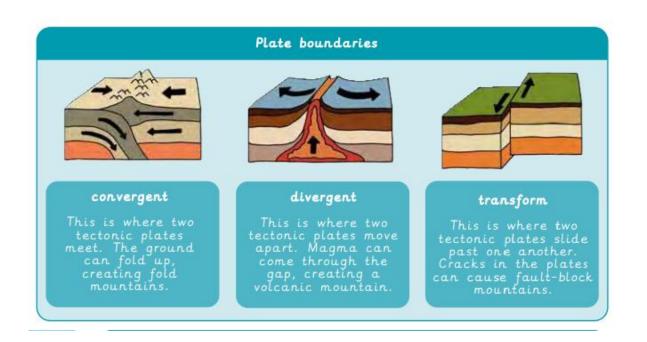
- Identify and locate characteristics of the UK on a map.
- Identify human and physical features.
- Locate human and physical features on a world map.
- Explain the difference between oceans and seas.
- Name and locate the five oceans on a world map.
- Use an aerial photograph to draw a simple sketch map.
- Collect data by sketching findings on a map and completing a tally chart.
- Present their findings in a bar chart

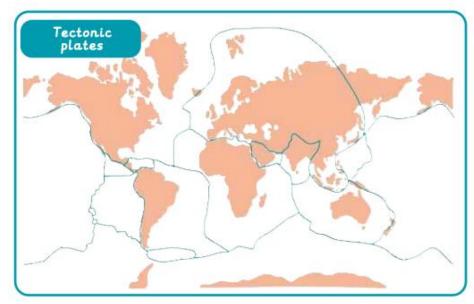
Knowledge and skills

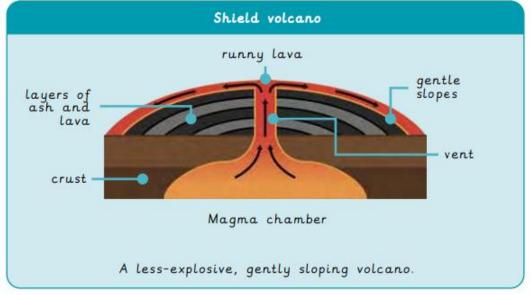
- Name all four layers of the Earth in the correct order, stating one fact about each layer.
- Explain one or more ways a mountain can be formed.
- Give a correct example of a mountain range and its continent.
- Describe a tectonic plate and know that mountains occur along plate boundaries.
- Correctly label the features of shield and composite volcanoes and explain how they form.
- Name three ways in which volcanoes can be classified.
- Describe how volcanoes form at tectonic plate boundaries.
- Explain a mix of negative and positive consequences of living near a volcano.
- State whether they would or would not want to live near a volcano.
- State that an earthquake is caused when two plate boundaries move and shake the ground.
- Explain that earthquakes happen along plate boundaries.
- List some negative effects that an earthquake can have on a community.
- Observe, digitally record and map different rocks using a symbol on a map.
- Identify rock types and their origins based on collected data.

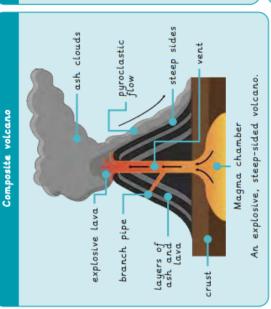
Vocabulary	
ash	a mixture of rock, mineral and glass
	particles expelled from a volcano
	during an eruption
crust	the outermost shell of the earth
earthquake	a sudden violent shaking of the ground
_	as a result of movements within the
	earth's crust or volcanic action
epicentre	the point on the earth's
_	surface vertically above the focus of
	an earthquake
fault	a fracture or zone of fractures between
	two blocks of rock
inner core	the innermost part of earth is the core
	and is about 1500 miles thick
lava	molten rock that breaks through the
	earth's surface
magma – molten	extremely hot liquid and semi-liquid
rock	rock located under earth's surface
mantle	is the mostly solid bulk of earth's
	interior
outer core	the third layer of the earth
seismic waves	produced when some form of energy
	stored in earth's crust is suddenly
	released
tectonic plates	massive slab of solid rock made up of
	earth's lithosphere (crust and upper
	mantle)





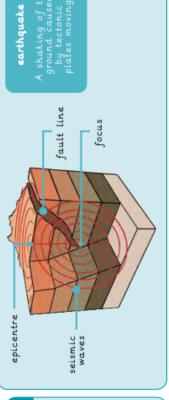






Volcano classification

Negative and positive effects of living near a volcanoe



Map of mountains, volcanoes and earthquakes

