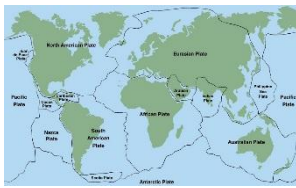
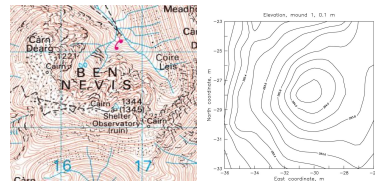


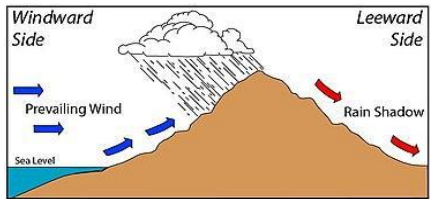
<b>Geography Focus</b>	<b>Mountains</b>	<b>Year 5</b>	<b>Autumn</b>
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What? (Key Knowledge)	
Names	World mountains ranges include the; Alps, Rockies, Andes, Himalayas  UK mountains: Ben Nevis (Scotland), Snowdon (Wales), Scarfell Pike (England), Slieve Donard (N Ireland)
How are they formed	The Earth is made up of layers (crust and mantle). The crust is split into tectonic plates which move. Tectonic plates push together to form fold mountains. Other mountain types are Volcanic mountains and Dome mountains.
Impact on weather	Areas of high altitude have colder temperatures and increased wind exposure. Mountainous areas have high rainfall (relief / orographic rainfall). The leeward side of the mountain is dry (rain shadow).
Land use and economy	High relief areas limit land use, it is hard to build, transport links, and crop farming is difficult. Land used for animals, tourism.
Global Issues	Climate change has affected mountains environment. Mountains have warmed up for the past 100 years which is changing the landscape.

What? (Key vocab)	
Spelling	Definition
Mountain (range)	A large natural elevation of the Earth's surface rising abruptly from the surrounding level
Contours	A <b>contour</b> line joins points of equal elevation (height) above a given level, such as sea level.
Topography	The arrangement of the natural and artificial physical features of an area.
Tectonic Plates	Sections of the Earth's crust, which move slowly over the mantle.
Crust	The hard rocky layer of the earth
Mantle	The hot viscous layer of the earth made up of melted rock
Fold Mountains	Mountains formed by the pushing together of tectonic plates
Orographic/ relief rain	Precipitation formed by air moving over mountains.
Land use	What an area of land is used for
Windward and Leeward side	The sides of a mountain, facing the prevailing wind, and away from the prevailing wind.

### Diagrams and Symbols





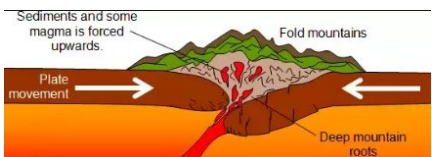


**Windward Side**      **Leeward Side**

Prevailing Wind      Rain Shadow

Sea Level





Sediments and some magma is forced upwards.

Fold mountains

Plate movement

Deep mountain roots

### Big questions

How are mountains formed?

How many ways can mountains be formed?

What is the climate like in mountainous regions?