
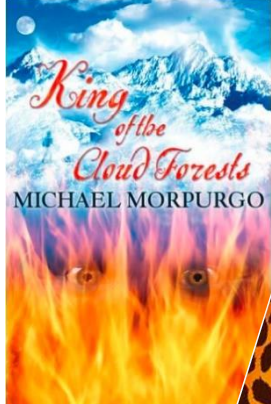






# Year 3 and 4 Knowledge Organiser - Landscapes: mountains

Key vocab		A mountain is a large landform that rises above the surrounding land, usually in the form of a peak. A mountain is generally steeper than a hill but there is no one definition of the difference between a hill and a mountain. The official UK government's definition of a mountain is a summit of 600 metres (1,969 feet) or higher. A few mountains are isolated summits, but most occur in mountain ranges. High mountains produce colder climates than at sea level. These colder climates affect the types of plants and animals living on the mountain. The highest mountain on Earth is Mount Everest in the Himalayas of Asia, whose summit is 8,850 metres (29,035 feet) above sea level.		Exciting books!	
landforms:	natural feature of the Earth's surface				
summits:	the tops of mountains mountain				
ranges:	series of mountains	<b>Sticky Knowledge</b>			
magma:	molten rock that is formed in very hot conditions inside the Earth	<ul style="list-style-type: none"> <li>Physical processes shape landforms. The Earth's crust is split up into sections, like the cracked shell of an egg.</li> </ul>	<ul style="list-style-type: none"> <li>Fold mountains occur when two plates collide. They push upwards, folding the rock into mountain peaks.</li> </ul>		
plate tectonics:	the movements of portions of the Earth's crust	<ul style="list-style-type: none"> <li>The sections of the Earth's crust are called tectonic plates, and they float on hot magma or molten rock.</li> </ul>	<ul style="list-style-type: none"> <li>Some of the most famous fold mountains are the Himalayas in Asia.</li> </ul>		
peak	the tip of the mountain	<ul style="list-style-type: none"> <li>There are three main types of mountains: volcanic, fold and block. All three types are formed from plate tectonics: when portions of the Earth's crust move, crumple and dive.</li> </ul>	<ul style="list-style-type: none"> <li>Block mountains are caused when plates move past each other.</li> </ul>		
climate	Long term weather patterns	<ul style="list-style-type: none"> <li>Volcanoes are formed when a plate is pushed below another plate, which melts the rock and forms magma. When the magma reaches the surface, it often builds a volcanic mountain.</li> </ul>	<ul style="list-style-type: none"> <li>When rocks on one plate are higher than the other, this can form a mountain.</li> </ul>		
fold mountain	Formed when two plates collide	<ul style="list-style-type: none"> <li>One of the world's most famous volcanoes is Mount Vesuvius in southern Italy.</li> </ul>	<ul style="list-style-type: none"> <li>Some of the most famous block mountains are the Sierra Nevada mountains that run from California to Nevada in the USA.</li> </ul>		
block mountain	Formed when plates move past each other	<ul style="list-style-type: none"> <li>Its most famous eruption took place in 79 CE and covered the city of Pompeii in ash.</li> </ul>			
sea level	The level of the sea's surface				

