





Hot and Cold Places KS1 Knowledge Mat

Subject Specific Vocabulary		Exciting Books	
North Pole	The North Pole is the northernmost place on Earth. When at the North Pole all directions point south.	 	
South Pole	The South Pole is the southernmost place on Earth. When at the South Pole all directions point north.		
Equator	Is an imaginary line around the centre of the Earth. It is very hot at the Equator. It divides the Earth into the north and south hemispheres.		
Meerkats	Animals that are often found in dry places like deserts. They belong to the mongoose family.	Sticky Knowledge about Hot and Cold places	
Penguins	A large seabird that cannot fly. Found in the South Pole. There are many types with the most famous probably being the Emperor penguin.	<input type="checkbox"/> Not all deserts are covered by sand, only 20% of all deserts are covered with sand.	
Polar Bears	A large, white Arctic Bear found in the North Pole. It is one of the most popular animals in the world.	<input type="checkbox"/> During the South Pole winter (mid March to mid September) it is dark all the time. During the summer it is light all the time.	
desert	A desert is a very dry place that experiences little rain and therefore plants don't grow there. It is difficult to find water in a desert.	<input type="checkbox"/> Even though we think they should be, not all deserts are hot. Two of the world's biggest deserts are in the North and South Poles.	
hemisphere	It is half the Earth divided into north and south by the equator. Britain is in the northern hemisphere.	<input type="checkbox"/> Polar bears and penguins are able to keep warm because they have blubber inside their skins.	
humid	When there is a lot of moisture in the air it is said to be humid. Hot countries often are very humid.	<input type="checkbox"/> The largest hot desert in the world is the Sahara and the largest cold desert is Antarctica	
scorching	To burn slightly or to cause a change in colour because of the heat.	<input type="checkbox"/> Hot deserts are usually very hot during the day but can get very cold at night. Some hot deserts can reach freezing point at night.	
camouflage	When an animal's markings help it to blend in with its environment.	<input type="checkbox"/> Despite the low temperatures over 4 million people live in the polar regions.	
		Animals that live in the polar regions	
		<ul style="list-style-type: none"> • penguins • polar bears • Arctic fox • seal • reindeer • walrus 	
		Animals that live close to the equator	
		<ul style="list-style-type: none"> • meerkats • lizards • scorpion • coyote • camel 	