




Hot and Cold Places Year 1 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.		<h3>Sticky Knowledge about Hot and Cold places</h3> <ul style="list-style-type: none"> <input type="checkbox"/> Not all deserts are covered by sand, only 20% of all deserts are covered with sand. <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. <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. <input type="checkbox"/> Polar bears and penguins are able to keep warm because they have blubber inside their skins. <input type="checkbox"/> The largest hot desert in the world is the Sahara and the largest cold desert is Antarctica <input type="checkbox"/> Hot desert are usually very hot during the day but can get very cold at night. Some hot deserts can reach freezing point at night. <input type="checkbox"/> Despite the low temperatures over 4 million people live in the polar regions. 	 
South Pole	The South Pole is the southernmost place on Earth. When at the South Pole all directions point north.			<h3>Animals that live in the polar regions</h3> <ul style="list-style-type: none"> • penguins • polar bears • Arctic fox • seal • reindeer • walrus
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.	<h3>Animals that live close to the equator</h3> <ul style="list-style-type: none"> • meerkats • lizards • scorpion • coyote • camel 		
Meerkats	Animals that are often found in dry places like deserts. They belong to the mongoose family.			
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.			
Polar Bears	A large, white Arctic Bear found in the North Pole. It is one of the most popular animals in the world.			
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.			
hemisphere	It is half the Earth divided into north and south by the equator. Britain is in the northern hemisphere.			
humid	When there is a lot of moisture in the air it is said to be humid. Hot countries often are very humid.			
scorching	To burn slightly or to cause a change in colour because of the heat.			
camouflage	When an animals markings helps it to blend in with its environment.			