




<b>Year Group: 2</b>	<b>Term: Spring</b>	<b>Unit Title: Why don't penguins live in the North Pole?</b>	
<b>Enquiry: <i>Polar animals can live anywhere in the world. Do you agree?</i></b>		<b>Driver Subject/s:</b> Science and geography	
<p><b>Science:</b></p> <p><u>Living things and their habitats</u></p> <p>What is a habitat?</p> <ul style="list-style-type: none"><li>A habitat is a place where living things, such as animals and plants, can find all of the things they need to survive. This includes food, water, air, space to move and grow and some shelter.</li><li>Some habitats are large, like the ocean, and some are very small, such as under a log.</li><li>Some habitats in our local area include the woodlands and our pond. Other habitats include the coast and the forest.</li></ul> <p>How do animals and plants depend on each other?</p> <ul style="list-style-type: none"><li>Animals and plants depend on each other to survive. For example grass and sedges are eaten by the arctic hare. This is then eaten by the arctic fox which is eaten by an arctic wolf.</li><li>This called a <b>food chain</b>.</li></ul> <div></div> <p><b>Geography:</b></p> <p><u>Continents and Oceans</u></p> <p>There are seven <b>continents</b>:</p> <ul style="list-style-type: none"><li>Europe</li><li>Asia</li><li>Africa</li><li>North America</li><li>South America</li><li>Antarctica</li><li>Australia (also known as Australasia and Oceania)</li></ul>		<p>There are five <b>oceans</b>:</p> <ul style="list-style-type: none"><li>Pacific <b>Ocean</b></li><li>Atlantic <b>Ocean</b></li><li>Indian <b>Ocean</b></li><li>Southern <b>Ocean</b></li><li>Arctic <b>Ocean</b></li></ul> <ul style="list-style-type: none"><li>The Earth is split into a <b>Northern and Southern hemisphere</b> by the <b>equator</b>.</li></ul> <div></div> <p>©www.countries-of-the-world.com Free for personal and educational use.</p> <ul style="list-style-type: none"><li><b>Climate</b> describes the weather of an area.</li><li>The location of the <b>Arctic Circle</b> and the <b>continent</b> of Antarctica. They both have a cold <b>climate</b></li><li>The <b>climate</b> of the UK is <b>temperate</b></li><li>Unfortunately, the <b>Arctic</b> is shrinking as a result of <b>climate change</b>; the increasing <b>temperatures</b> are causing the ice to <b>melt</b>.</li></ul>	
<p><b>Key Science Vocabulary:</b></p> <p><b>carnivore</b> - an animal that eats meat</p> <p><b>depend</b> - if you depend on someone or something, you need them in order to be able to survive physically</p> <p><b>food chain</b> - a series of living things which are linked to each other because each thing feeds on the one next to it in the series</p> <p><b>habitat</b> - the natural environment in which an animal or plant normally lives or grows</p> <p><b>herbivore</b> - an animal that only eats plants</p> <p><b>omnivore</b> - person or animal eats all kinds of food, including both meat and plants</p> <p><b>plant</b> - a living thing that grows in the earth and has a stem, leaves, and roots</p>		<p><b>Key Geography Vocabulary:</b></p> <p><b>Arctic circle</b> – the area around the <b>North Pole</b></p> <p><b>climate</b> - the general weather conditions that are typical of a place</p> <p><b>city</b> - a large town. London is a city.</p> <p><b>compass point</b> - any of the main points of a compass: north, south, east and west</p> <p><b>continent</b> - a very large area of land that consists of many countries. Europe is a continent.</p> <p><b>country</b> - an area of land that is controlled by its own government.</p> <p><b>England</b> - a country in the United Kingdom. Thornbury is a town in England.</p> <p><b>equator</b> - an imaginary line around the middle of the Earth at an equal distance from the North Pole and the South Pole.</p> <p><b>hemisphere</b> – half of a sphere or half of the Earth</p> <p><b>Great Britain</b> - An island that is made up of England, Scotland and Wales.</p> <p><b>ocean</b> - one of the five very large areas of salt water on the Earth's surface.</p> <p><b>sea</b> - a large area of salty water that is part of an ocean</p>	

	<p><b>United Kingdom</b> - The UK, is officially known as the United Kingdom of Great Britain and Northern Ireland. It includes England, Scotland, Wales and Northern Ireland.</p> <p><b>vegetation</b> - plants, trees and flowers</p>
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