

River Bank Primary Knowledge Organiser	Year Six	Spring 1	Geography – The North and South Pole
Key Vocabulary		Important Facts	
<p><b>Latitude:</b> the angular distance of a place north or south of the earth's equator.</p> <p><b>Longitude:</b> the angular distance of a place east or west of the Greenwich meridian.</p> <p><b>Arctic Circle:</b> an area at 66.6° N, which includes the countries Norway, Sweden, Finland, Russia, Alaska, Canada, Greenland and Denmark.</p> <p><b>Tundra:</b> a vast, flat, treeless region in which the soil is permanently frozen called permafrost.</p> <p><b>Permafrost:</b> a layer of soil which is frozen all year.</p> <p><b>Topography:</b> the physical land features of an area.</p>		<ul style="list-style-type: none"> <li>• The Arctic polar regions extend from 66.6°N latitude to the North Pole (90°N latitude).</li> <li>• The Antarctic regions extend from 66.5°S latitude to the South Pole (90°S latitude).</li> <li>• Antarctica is a continent because there is a landmass under the ice.</li> <li>• The Arctic is not a continent as there is <b>no</b> land beneath the ice.</li> <li>• The North Pole and the South Pole both contain polar deserts as there is limited rainfall due to the low temperatures.</li> <li>• The animals at the Arctic include Arctic foxes and polar bears and the animals at the Antarctic include emperor penguins and Weddell seals. All of these animals have adapted to their environment.</li> <li>• Norway, Sweden, Finland, Russia, Alaska, Canada and Denmark and Greenland are all countries who have part of their land in the Arctic Circle.</li> <li>• The sea ice in the Arctic Ocean is melting as an effect of climate change.</li> <li>• Know that if the ice keeps melting then the effect of this will be: <ul style="list-style-type: none"> <li>○ animals such as the walrus and polar bears losing their habitats and dying</li> <li>○ increase of typhoons and storms causing flooding</li> <li>○ increase of coastal erosion causing damage to land, property etc.</li> <li>○ more areas near rivers and the sea being under floodwaters causing loss of life and destruction to habitats and homes</li> </ul> </li> </ul>	

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