



Geography Year 1 Term 1

Learning Theme: - Cold Climates: Antarctica and The South Pole.

| Term 1 | Learning Question & NC Link | Substantive Knowledge To know that... | Disciplinary Knowledge I can... | Vocabulary | Evidence & Assessment Opportunity | Equipment & resources | Lesson ideas |
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| Session 1 | What do I know about my world? | To be able to show what I know about the world | Talk about where I live. | World Map Globe Country Town Village | Children draw pictures to demonstrate what they already know about their world. | Globes Maps of the world. | Use Globes or maps of the world as a discussion prompt for the children. What can they tell you about where they live in the world? Can they name any countries? |
| Session 2 | Where am I in the world? <i>NC Link: name and locate the world's seven continents.</i> | To know where I am in the world | Talk about where I live in the world. | World, map, globe, Asia, Africa, North America, South America, Antarctica, Europe | Children to label a world map with continents. More able children to write a sentence about where they live. E.g "I live in Sandwich in England". | Map of the world to label. | Using string, blue tack roughly where we are on the map and label Sandwich. Explain that maps are flat, where as the world is actually round – show a globe. Explain about the different continents –please emphasize on that we live in Europe. Roughly label Europe, UK and England on your map. Do any of the children know the names of any other continents? Introduce the names of the other continents and explain that these are not countries but groups of countries. Sing the continents song. https://www.youtube.com/watch?v=PzqdDdxr9VI |
| Session 3 | Where is the South Pole? <i>NC Link: identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles.</i> <i>name and locate the world's seven continents and five oceans</i> | Know that the North and South poles are on opposite ends of the World. Know where the North and south Poles can be found on a globe. Know that the North Pole is the point that is farthest north on the planet Earth. Know that the North Pole is in the Arctic Ocean. Know that the South Pole is near the middle of Antarctica. That is the very bottom of the planet. To know that Antarctica is one of the world's seven continents. It is made up of ice and is only 1 % land. | Able to explain where the South Pole is, and locate this on a globe. | Southern hemisphere, Antarctica, | Children label North and South pole on picture of the world. Children write a sentence to show their understanding. E.g: I know that the South Pole in at the bottom of the world. The Arctic Ocean surrounds the North Pole. We live closer to the North Pole than the South Pole | Globe Map of the world. | Using the class globe show children where we are in the world. Show the children where the North Pole and South Pole are on the globe. Explain that they are the furthest points away from each other on the globe and they are both very cold places. Explain that the South Pole is found in Antarctica, which is one of the continents. Explain that the arctic ocean surrounds the south pole. |
| Session 4 | Why are they cold areas of the world? <i>NC Link:</i> | Know that Antarctica is the coldest continent in the Southern hemisphere. To know that Antarctica has six months of daylight in the summer, | Able to explain what Antarctica looks like. | Equator. climate, | Children to write sentences to show their understanding of why there are cold areas of the world. EG: | Globe Map | Show the children the equator on a map and explain that the equator is the hottest place on the planet. Why do they think that the South Pole is cold? |

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| | <i>identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles.</i> | where it never goes dark. In the winter months it is always dark. To know that Antarctica is the coldest continent because it is the furthest part of the Earth from the sun. | | | The South Pole and North Pole are the coldest places in the world because they are the furthest from the Equator. | | |
| Session 5 | What does Antarctica look like? <i>NC Link: identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles.</i> | Know that Antarctica is a desert - but it's not hot, it's really, really cold. It's called a desert because it hardly ever rains. To know that ice shelves are thick areas of floating ice which are attached to the land and that the Antarctic is surrounded by ice shelves. | Able to explain what Antarctica looks like. | Antarctica, | Make a mind map as a class noting what the children notice about Antarctica in comparison to the UK | Pictures of Antarctica. Pictures of the UK | Show the children pictures of Antarctica and ask them what is similar or different to the UK. What do they notice? Add it to a class mind map in preparation for their writing in the next lesson. |
| Session 6 | How does Antarctica differ to the UK? <i>NC Link: identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles.</i> | To know that no one lives in Antarctica all of the time because it is too cold for people to live there for a long time. The average inland temperature is around -57°C. To know that many researchers and scientists visit Antarctica to find out more about this continent. To know that many different animals live here including emperor penguins, fur seals and orcas, also known as killer whales. | Able to make comparisons between the UK and Antarctica: Able to notes differences to Antarctica and the UK: weather, temperatures, animals and habitat, living conditions and how humans are unable to live there. | Climate Temperature UK Antarctica | Children to write a letter to someone in the UK explaining what they have found in Antarctica and how it differs to the UK. | Pictures of Antarctica Pictures of the UK (You may want to have some of these to go into books). | Recap the learning from the previous lesson. If the children were visiting Antarctica and had to write what they found, what would they say? |
| Notes | | | | | | | |