

| Year 4 | Place | Space | Scale | Environmental impact and sustainability | Interconnection |
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| <p>All modules use an approach for assessing what children already know as well as building on the knowledge they have already acquired during their time at Chaddlewood.</p> | | | | | |
| <p>Antarctica</p> | <p>The children will explore the physical (and limited human features) of Antarctica.</p> | <p>The children will locate Antarctica on a world map.</p> <p>The children will know that Antarctica is a polar region.</p> <p>The children will know that Antarctica is a continent in the Southern Hemisphere.</p> <p>The children will be able to describe where Antarctica is in the world and where it is in relation to where we live.</p> <p>The children will</p> | <p>The children will begin to understand the difference in scale between the United Kingdom and Antarctica.</p> <p>The children explore a polar region in the wonder world through a continental and global lens.</p> | <p>The children will understand the impact of global warming on Antarctica.</p> <p>The children will begin to make links between human behaviour and the effect of this on global warming.</p> | |

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| | | <p>begin to understand how global warming is affecting polar regions.</p> <p>The children will draw comparisons between Antarctica and climates in other areas of the world.</p> | | | |
| Rainforests | The children will learn about the physical features of a rainforest | The children will identify and locate tropical rainforests using maps and atlases of different global perspectives. | <p>The children will look at rainforest regions around the world on a continental scale.</p> <p>The children will begin to understand the scale of the Amazon rainforest.</p> | <p>The children will learn about deforestation and its impact on tropical rainforests around the world linked to sustainability.</p> <p>The children will explore how land is used after deforestation and the impact of this.</p> | The children will explore the human impact of deforestation on rainforests. |

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Know how (doing)...

Map and field skills:

Observation and Field sketching:

- Children identify and locate tropical rainforests on a range of maps of different global perspectives

Direction/Location

- Use 4 compass points well: Begin to use 8 compass points.
- Children mark N, S, E, W, NW, SW, NE and SE on a world map whilst using directional language to describe where rainforests are.

Using maps

- Locate places on a large scale map e.g. find the UK or South America on a globe.
- Children to locate the rainforests of the world, and the UK on a world map and colour them in.

Scale/Distance and Measurement:

- Begin to measure boundaries e.g. find the same boundary of a country on different scale maps e.g. Europe and the Globe.
- Children use a map of the world to measure the size of the Amazon rainforest and then use a map of South America to do the same thing. Discuss the reason for the different sizes. - needs refining and linking to scale

Geographical enquiry

Ask and respond to questions and offer their own ideas.

- What is a rainforest?
- What are the features of a rainforest?
- Where are the rainforests?
- What is deforestation?
- Why is deforestation needed?
- What are the negative impacts of deforestation?

Extend to satellite images and aerial photographs.

- Children look at images showing the extent of deforestation
- Children locate the rainforests on Google Earth

Collect and record evidence with some aid.

- Children use the internet and books to produce a fact file about what a rainforest is and its features.

Analyse evidence and make conclusions e.g make comparisons between locations using photos/pictures and maps.

Know that (knowing)...

Children will know:

- What a tropical rainforest is
- Where are the world's rainforests?
- In which regions are tropical rainforests found?
- What are the layers of the rainforests?
- What is deforestation?
- Why is deforestation needed?
- What is the negative impact of deforestation?

- Children look at pictures showing the extent of deforestation in the Maya rainforest and the impact of this on sustainability.