Geography

Year 3 and 4

Autumn and Spring

Topic The Poles

Rationale

Creating the cross-curricular link between the study of Ernest Shacklton as a significant figure in History and the study of animals in their habitats in Science, this topic is designed to teach the children about the opposite poles of our earth. The children will be taught explicitly about the poles, different hemispheres and the topics. The children will learn geographical terms and put their prior learning into practice when using maps, globes and atlases.

NC Objective

- identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

Links to other Subject/Topics.

Science – Living things and their habitats
English – Description, non-chronological report, letter
Computing – Spark, Multimedia
Story – Shackleton's Incredible Expedition

Inspiration for Aspiration

Journalist, Weather reporter, Meteorologist, Explorer,

Key Content

- Where are the Arctic and Antarctic Circles?
- What is Prime/Greenwich Meridian and time zones (including day and night)?
- Can I read 4 figure grid references?
- Can I read and use an 8-figure compass?
- What is the physical geography of a country, including climate zones, biomes and vegetation belts?
- Can I use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied?

Concepts

Geography	1	2	3	4	5	6
Location and Place						
Space						
Sustainability and the Environment						
Change						

Year1/2 Skills and Knowledge

- Name and locate the world's five Oceans
- Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key
- Name and locate the world's seven continents
- Use basic geographical vocabulary

Year3/4 Skills and Knowledge

- Identify the position and significance of Equator, N. and S. Hemisphere, Tropics of Cancer and Capricorn
- Describe and understand key aspects of: Physical geography, including: climate zones, biomes and vegetation belts
- Use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied
- Learn the eight points of a compass, four-figure grid references.

• Use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map •		
Year 1/2 Vocabulary Pacific, Atlantic, Indian, Arctic, Southern Continents, countries, equator, North Pole, South Pole, human features, physical features, United Kingdom, European	**Year 3/4 Topic Vocabulary** Arctic, Antarctica, North Pole South Pole	**Year 3/4 Geographical Vocabulary** Equator, Northern Hemisphere, Southern Hemisphere, latitude, longitude, co-ordinates, Tropic of Cancer, Tropic of Capricorn, The tropics, tropical, climate, Prime Meridian, Greenwich Meridian, Greenwich Mean Time (GMT), International Date Line time zone
By the end of the topic children will be able to successfully answer the following questions: - • Where are the Arctic and Antarctic Circles? • What is Prime/Greenwich Meridian and time zones (including day and night)? • Can I read 4 figure grid references? • Can I read and use an 8-figure compass? • What is the physical geography of a country, including climate zones, biomes and vegetation belts? • Can I use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied?		
Assessment Formative assessment of the end points during lessons, including talking to children when they are using different types of maps. Presentation of the physical geography of a country, including climate zones, biomes and vegetation belts. Assessment of children's understanding of 4 figure grid references and 8-figure compass. Quiz about the Arctic and Antarctic and where Prime/Greenwich Meridian and time zones are (including day and night).		