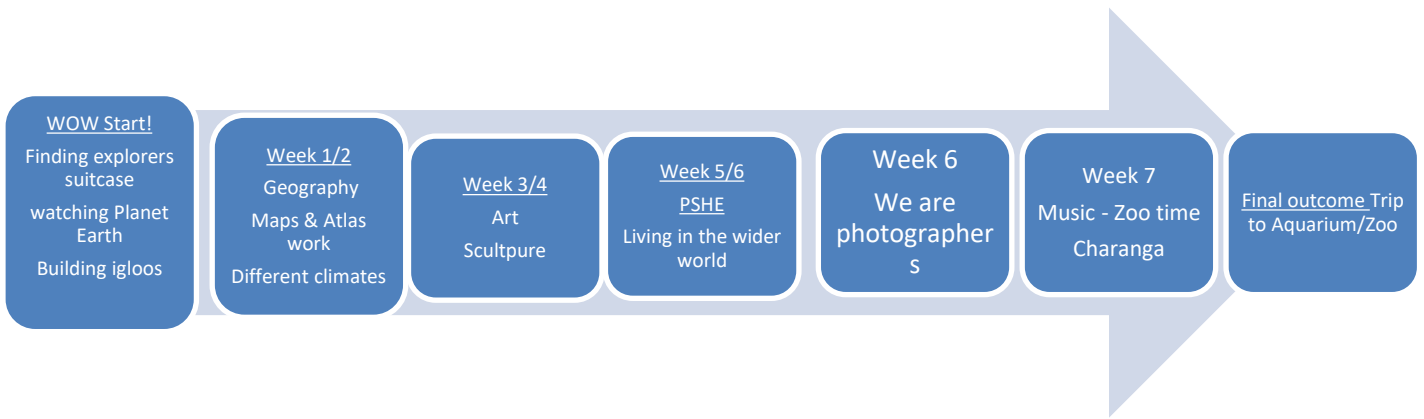


Year 2 Geography– ‘Polar Explorers’ (7 weeks)



PSHE skills

Specific skills for this unit

Living in the wider world:

- How jobs help people earn money to pay for things they need and want
- Know about a range of different jobs, including those done by people they know or people who work in their community
- How people have different strengths and interests that enable them to do different jobs
- How people use the internet and digital devices in their jobs and everyday life

Knowledge for this unit

- Know what people do to earn money and how they get paid
- Know about a range of jobs in their community (teachers, doctors, retail workers)
- Know that different jobs need different skills

Previous knowledge

- Being safe
- Health and prevention
- Basic first aid
- Mental wellbeing
- Respectful relationships/caring relationships
- Online safety
- Healthy eating, drugs etc.

Key Vocab:

- Money
- Wage
- Occupation
- Community
- Interests

Geography skills

Specific skills for this unit

Map Skills

- Name and locate the world's 7 continents and 5 oceans.
- Find land/sea on globe. Use teacher drawn base maps.
- Use large scale OS maps.
- Use an infant atlas World maps, atlases, and globes.
- Name, locate and identify the characteristics of the 4 countries and capital cities of the UK and its surrounding seas.
- Understand geographical similarities and differences through studying the human and physical geography of a small area of the UK, and a small area in a contrasting non-European country
- Begin to understand the need for a key.
- Use class agreed symbols to make a simple key.

Field sketching

- Join labels to correct features.

Photography

- Label a photo with help.

Locational knowledge

- Use world maps, atlases and globes to identify the UK and its countries, as well as the countries, continents and oceans studied at this key stage.

Human and physical geography

- Identify the location of hot and cold areas of the world in relation to the Equator and the North and South Poles
- Use basic geographical vocabulary to refer to: *key physical features including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather. *key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop.

Geographical skills and enquiry

- Follow directions (as yr 1 and inc'. NSEW) Use simple compass directions (NSEW) and locational and directional language (for example near & far, left & right), to describe the location of features and routes on a map.

Knowledge for this unit

- Asia, Africa, North America, South America, Antarctica, Europe, Australasia
- 5 Oceans of the world
- Know how to use a map by using grid reference to locate
- Indigenous people who live in the Arctic have adapted to the cold weather and harsh environmental conditions.
- The name 'Arctic' comes from a Greek word meaning 'near the bear'. The coldest recorded temperature in the Arctic is around -68°C (-90°F).
- A number of different types of animals make their home in the arctic, including polar bears, wolverines, squirrels, birds, walrus and seals. The Arctic region is home to the North Pole. The Arctic has a number of natural resources, including fish, oil, gas and various minerals.

Previous knowledge

- Use a simple picture map to move around the school
- Use world maps, atlases and globes to identify the United Kingdom and its countries.
- Weather patterns in UK

Key Vocab:

- Continents and oceans
- Key
- Grid references
- Compass directions
- Equator

Art skills

Specific skills for this unit

Make polar animals from clay

- Use a sketchbook to plan and develop simple ideas and making simple informed choices in the media they want to use.
- Look at sculptures by known artists and natural objects as starting points for own work.
- Mario Merz
- Use rolling technique – roll 2 main spheres. Score and slip to attach head and body. Add features such as wings, feet, tail, beak and legs. Carve/ pinch finer details eg eyes, fur texture.

Knowledge for this unit

- Mario Merz is a sculptor of igloos
- He was an Italian artist who started drawing in 1945 during WWII
- His artwork and sculptures can be seen in Tate Modern

Previous knowledge

- Use clay to construct lighthouse plaques. Slabbing technique base then apply shapes with score and slip method. Carve details and paint.
- Impress and apply
- Construct in 3D form to represent personal ideas.

Key Vocab:

- Rolling, score, pinch and slip
- Texture
- Sculpture
- Mario Merz

Music skills

Specific skills for this unit

Follow the melody using their voice or an instrument

- Sing songs as an ensemble following the tune (melody) well
- Perform in an ensemble with instructions from the leader (e.g. hand signals to indicate pitch and duration of notes)
- Play simple rhythmic patterns on an instrument (voice)
- Sing/clap a pulse increasing or decreasing in tempo
- Perform musical patterns keeping a steady pulse

Knowledge for this unit

- Know that ensemble is musical term for a performing collectively
- Know how to warm up voice correctly before singing
- Tempo means speed
- Pulse is steady beat like a ticking clock
- Rhythm is a combination of long and short sounds
- Pitch is high and low notes
- Duration is the length of the note

Previous knowledge

- Using voice to sing/chant
- Perform simple pieces
- Nativity singing

Key Vocab:

- Pitch
- Rhythm
- Tempo
- Pulse
- Duration
- Ensemble

Computing skills

Specific skills for this unit

- consider the technical and artistic merits of photographs
- use the iPad camera app
- take digital photographs
- review, reject or pick the images they take
- edit and enhance their photographs
- **once images are posted online, it is impossible to control what happens to them**
- **facial recognition may allow personal information leaks**
- **know what is acceptable and unacceptable to photograph**

Knowledge for this unit

- take effective photographs
- use apps to improve photographs
- understand what makes a good photograph

Previous knowledge

- how to select and set brushes and colours
- to create artwork in a range of styles on iPads
- to use the undo function if they make mistakes, and to encourage experimentation
- to use multiple layers in their art
- to transform layers
- to paint on top of photographs.

Key Vocab:

- Adjustment
- Camera roll
- Crop
- Filter
- Rule of thirds
- Sensor