

Mathematics/ Numeracy

- Recall multiplication facts 2,5,10 doubles up to 50 and halves
- Round off 2/3 digit numbers to nearest 10
- Add/subtract 19,29,11,21
- Compare and estimate numbers up to 100
- Totals of £2 and change
- Right angles in a shape
- Lines of symmetry, horizontal and vertical
- Reading temperature - minus
- Compare 2 three digit numbers
- Use inequation sign < >
- Define negative numbers
- Add 2 and 3 digit numbers

Science and Technology

- Solids/liquids/gases
- Different types of ice
- Heat - blubber and
- Animals that live in the Polar Regions - penguin investigation
- Habitats - where do animals live in the Polar Regions?
- Categorisation - J2 Launch branching

Ambitious, capable learners

- Carry out independent research on Polar animals
- Are building up a body of knowledge and have the skill to connect and apply that knowledge e.g Habitats
- Carry out group discussions and draw conclusions, collaborative tasks
- Use digital technologies, graphics, use of HWB.
- Understand how to interpret data, e.g branching, data collection of habitats

Enterprising, creative contributor

- Express ideas and opinions to create an ego igloo.
- Design a tourist leaflet or poster about a polar region.
- Connect and apply their ICT skills to design, make, create QR codes
- Eco issues

Humanities

- History - Scott and the Antarctic
- Geography - Location of both Polar Regions.
- Why is it cold there? Which region is the coldest?
- Can you name eight countries that have land within the Arctic Circle? population/capital cities/flags
- Diamond ranking - Global Warming
- **Global warming- what does it mean. Greta Thunburg**
- **How does it affect the Polar Regions?**
- **What will happen to the Polar Regions in 20/30 years' time?**
- **Write a letter to Welsh Government - to cut omission.**

Expressive Arts

D&T

- Junk modelling making igloos.

Art -

- Design a poster to visit the Arctic
- Collage Polar pictures colour mixing cold colours and using collage techniques to create ice pictures.
- Recreating the Aurora Borealis using pastels and blending the skyline

Dance/movement -

- *Winter* from Vivaldi's *Four Seasons*

Language, Literacy and Communication

- Reading comprehension -leaflet
- Write own leaflet on North Pole.
- Report writing - Animal from the Arctic /Antarctic
- Tourism poster/leaflet
- Story - The Rainbow Bear by Michael Morpurgo
- Subject specific vocabulary

Welsh

- Eisteddfod
- Book of the term
- Poem of the term

Health and Wellbeing

- Rights of the child - UNCRC - monthly article
- The environment we live in and living things we care for in Polar Regions.
- Problems and dilemmas for Rainbow Bear - personal experiences.
- All snowflakes are unique and so are we.
- Survival techniques in the Polar regions.
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Healthy, confident Individual

- To discuss their ideas and design/making of an igloo
- Mental wellbeing - exploring and appreciating other cultures - lifestyle, exercise, leisure and well-being.
- Class assembly

Ethical, informed citizen

- Are knowledgeable about their community - local environmental issues.
- Respect the needs and rights of others - other religious festivals, RR.
- Knowledgeable about the world by studying Global warming.
- Engage with contemporary issues - designing a tourist leaflet.

Frozen Planet
Year 3 & 4