

Mathematics/ Numeracy

Number- four operations (+, -, x, ÷)
Reasoning/ problem solving
Handling data- temperature
Time and time differences
Temperature
Data handling
Fractions/ percentages

Health and Wellbeing

Rights of the Child
Inuit and igloo- how do they survive?
Arctic foods- benefits of fish on the human body
Design a menu for an explorer using the food plate- are all food groups available in the Arctic?
Designing thermal clothing

Language, Literacy and Communication

Explanation- science investigation/ geographical questions
Report writing- animal or place- Frozen Planet
Argument & persuasion- geographical issues
Guided reading- Race to the Frozen North
Welsh poetry and reading
Welsh sentence patterns and singing (St David's Day)
Create a leaflet for Arctic tourism

Humanities

Polar Regions
Climate change
The Northern Lights
Global Warming
Arctic climate
Arctic tourism
Arctic Ocean
Easter celebrations

Expressive Arts

Recreating Van Gogh's Starry Night with Northern Lights
Relaxing winter music and Arctic sounds- positive impact on the mind and body
Yoga
Class performance of St David's Day songs
Northern Lights multi-coloured chalk art
Dawnsio gwerin dancing- St David's Day

Science and Technology

Animal adaptations and habitats
Solids, liquids, gases
Frozen Planet - David Attenborough
Experiments- How substances affect waters freezing point & ice cube insulators; igloo
Designing thermal clothing

Ambitious, capable learners

- Independent research
- Collaborative learning group work
- Compare and contrast life in Wales and Arctic
- Exploring Climate Change and Global Warming
- Communicating through literacy based tasks

Enterprising, creative contributor

- Planning a trip to Antarctica following our guided reading book. Identifying essential equipment and belongings.
- Designing thermal clothing/sustainable products.

Year 4/5
Frozen Planet
Spring Term
2021

Healthy, confident Individual

- Mental well-being
- Health and fitness
- Positive effects of winter music and Arctic sounds as well as yoga and meditation
- Positive effects of teamwork and problem solving together in groups

Ethical, informed citizen

- Rights of the Child
- Reducing carbon footprint
- Making ethical choices- transport, materials, clothing
- Knowledge of local and wider Welsh community/ St David's Day celebrations and traditions