

History	
1	Traditional Inuit way of life and the changes over time - Identifying who the Inuit are and where they live. - Learning about the traditional way of life for the Inuit in the Arctic. - Exploring the changes over time to the lives of the Inuit (homes, food, clothing and transport).
2	Arctic explorers - Identifying what an explorer is and why they explore. - Discovering the names and expeditions of Arctic explorers. - Investigating Roald Amundsen and his Arctic expeditions.

Science	
1	Group Arctic animals and explore their characteristics - Understanding the difference between mammals, birds and fish. - Investigating mammals, birds and fish in the Arctic. - Describing animal characteristics and group them according to their features.
2	Arctic animal adaptations - Understanding what 'habitat' means and that animals adapt to them. - Investigating the Arctic habitat. - Recognising Arctic animals' adaptations for survival.
3	Ice and its properties - Exploring what ice is and how it forms. - Understanding the difference between water and ice (solid and liquid) - Making observations and recording ideas about ice and what it does.
4	Iceberg experiment - Investigating what an iceberg is and how it floats. - Make predictions and asking questions about scientific events. - Recording ideas using words and pictures to show understanding of scientific events.

Art	
1	Colours in Arctic landscapes - Understanding colours can make you feel different emotions. - Identifying different colours in landscapes. - Exploring the changing landscapes of the Arctic.
2	Aurora Borealis formations - Understanding what the Aurora Borealis is and where it occurs. - Identifying colours and shapes in the Aurora Borealis events. - Creating the Aurora Borealis with different art materials.
3	Inuit sculptures and prints - Investigating the types of sculptures Inuit made. - Describing the shapes, materials and colours used in Inuit art. - Creating pieces of Inuit art.

Design & Technology	
1	Design, make, test and evaluate a model Inuit boat - Investigating types of Inuit boats and their uses. - Exploring materials and parts of boats. - Designing and making a personal Inuit boat. - Testing and evaluating the boat and making judgements on the product.

PE	
1	Inuit dance and dance sequences - Understanding types of Inuit dance. - Creating dance moves for Arctic animals and environment features. - Choreographing a dance sequence in groups and individually.

Music	
1	Inuit throat singing and music - Understanding what throat singing and echoes are. - Making sounds and tunes for Arctic animals and the environment. - Creating sound patterns and sequences.

Geography	
1	The Arctic Circle - Locating the Arctic Circle on a world map. - Investigating the countries in the Arctic Circle. - Describing the appearance of Arctic cities.
2	Arctic climate - Investigating weather icons and what they represent. - Describing the difference between summer and winter in the Arctic. - Understanding information can be recorded in charts.
3	Physical features in the Arctic - Understanding what physical features are. - Investigating physical features found in the Arctic. - Exploring the physical landscapes of the Arctic.
4	Arctic animals - Investigating animals in the Arctic. - Finding out where Arctic animals are found. - Using and reading maps.
5	Arctic cities and towns - Exploring Arctic cities and the countries they are in. - Investigating human features in Arctic cities. - Viewing and describing city images.
6	Comparing an Arctic town to a city in the UK - Understanding where Greenland is in relation to the United Kingdom. - Investigating physical and human features in two cities. - Comparing and contrasting two cities' features.



Further suggestions:

Computing	
1	Planning and creating Arctic animal posters in word processing programs. Investigating ICT skills involving copying and pasting images and using shapes and design elements to create printable posters.

PSHE	
1	Investigating Ernest Shackleton and how he was successful in leading a number of Arctic expeditions. Helping children see how to be a leader and to lead by example without being too forceful.
2	Discussing the social and personal issues of living in an isolated Arctic tribe. Discussing the idea of community and living in isolation.

Design & Technology	
1	Investigating Bannoch bread and following a recipe to make Bannoch bread.
2	Making ice lolly's and freezing fruit and other food in water to make flavoured ice cubes.

Understanding English, communication and language

- Reading new vocabulary and writing new words.
- Completing sentences so they read correctly.
- Matching written statements to picture cards.
- Writing brief recounts of events from another person's perspective.
- Labelling diagrams and writing descriptions.
- Reading experiment cards and following steps and instructions.
- Creating booklets and recording ideas.
- Looking at image steps and following them to create art work.
- Reading and interpreting maps and labels.
- Using information to come to conclusions.
- Completing tables and diagrams.
- Practice saying difficult and un-known words.
- Reading fact sheets and stories and understanding the content.

Understanding physical development, health and well-being

- Understanding dance is a form of exercise.
- Investigating Inuit dances and that they were performed to entertain groups and children.
- Working in small groups and taking turns.
- Listening to others and sharing ideas.
- Creating movements in a sequence.
- Learning how to be safe when dancing and exercising.
- Understanding the importance of exercise and the different types of exercise.
- Learning how to stretch and warm-up for a P.E. lesson.
- Discussing the physical and social well-being of the Inuit and how it differs to our lives.

Understanding the arts

- Working in groups to act out Arctic scenes.
- Drawing diagrams and representations of science experiments.
- Drawing representations of materials and plans of model boats.
- Using a range of materials to create Arctic landscapes.
- Investigating how to use chalk pastels to make an Aurora Borealis picture.
- Describing Inuit art and creating Inuit drawings and sculptures.

Arctic Adventures Topic Overview



Mathematical understanding

- Looking at simple charts and interpreting information.
- Counting sounds and understanding simple sequences.
- Ordering cards and following chronological steps.
- Counting from numbers 1-10 and following numbered steps.
- Using shape and space to create landscapes and drawings.

Historical, geographical and social understanding

- Exploring native Arctic groups and how they live.
- Investigating the changes to native Arctic groups due to more contact with European explorers.
- Describing how native people used the available resources to survive.
- Investigating famous explorers who visited the Arctic.
- Exploring historical Arctic expeditions and their successes.
- Investigating the history of Inuit art and craft.
- Understanding art was used to entertain the Inuit in the past and in the present.
- Locating the Arctic Circle on maps and globes.
- Investigating Arctic cities human and physical features.
- Comparing Arctic cities to cities in the United Kingdom.

Scientific and technological understanding

- Identifying Arctic animals as mammals, birds and fish.
- Investigating characteristics and adaptations of Arctic animals.
- Exploring different habitats and the animals found there.
- Following experiment steps and investigating scientific questions.
- Predicting and concluding ideas about scientific events.
- Investigating everyday materials and what they are used for.
- Exploring the differences between ice and water, solids and liquids.
- Using particular materials for different purposes.
- Deciding on materials to use in constructing a model boat.