

Personal, Social & Emotional Development

Build constructive and respectful relationships.

How do we recognise a positive relationship amongst the polar animals and characters in our stories?

- Class discussions about 'Lost and Found', and 'Up and Down' study text.
- Identify and draw who the important people in our lives are and ways in which we maintain positive relationships. Reflect on how sea otters and emperor penguins build relationships to survive.

Show resilience and perseverance in the face of challenge.

How do the polar animal characters from Oliver Jeffers books overcome challenge?

- Recognise different emotions felt in his stories and reflect on times when we have felt like this.
- Trickbox- identifying our calm colour and using this when we need to persevere.

See themselves as a valuable individual.

How can I save the polar animals?

- Looking after the environment– picking up litter, recycling,
- Team building skills– Expedition team, circle games, Key person groups.

Communication & Language

Listening, attention and understanding

Listen to and talk about stories to build familiarity and understanding.

Re– read 'Lost and Found', 'Here we are' and 'Poles Apart'.

Role play and small world available for the children to create their own polar-themed stories.

Design props to retell key events.

Create story boards using pictures.

Cover reveals– making predictions about the story.

Speaking

Use new vocabulary in different contexts.

Can you describe the setting and the characters journey in each of our key texts?

Identify the beginning, middle and end of a story.

Build a vocabulary bank to revisit throughout the term.

Using bullseyes to identify vocabulary.

Talk for Writing story maps.

Debate– Using 'Here we Are' text to support– would you prefer to be a land polar animal or sea polar animal. Why?

Physical Development

Progress towards a more fluent style of moving, with developing control and grace.

How can our body movements represent and reflect polar animals and their habitats?

- Write Dance – follow scheme of work making adaptations to link to polar animals and environments eg icebergs v's volcanos.
- Polar themed warm up, cool down activities and games.
- Team and individual polar movement games.
- Physical challenge activities during PE, mile run, sensory/movement breaks and discovery time (climbing, running, jumping) representing artic animals e.g. run faster/further like an artic fox/hare (link to mile run).
- Allow for time to be still and quiet and practise stop/start skills – physical game play, star and sky gazing games, building structures (igloos/shelters) to play and rest in.
- Ice themed fine motor development activities eg ice themed dough disco.

How have polar animals adapted over time?

Literacy

Reading

Read individual letters by saying the corresponding sound.

How do polar bears survive in the Arctic?

- Reading areas– opportunities to explore a range of fiction and non fiction polar texts.
- Reading Captions– matching captions to polar animals.

Demonstrate understanding of what has been read to them by retelling stories.

Can you describe the environment that the characters call their home?

- Retelling and role play of polar themed and key author stories.
- Hot seating of our favourite polar animal. Anticipate key events in polar stories.
- Freeze frames– what do we think the characters might be saying to each other.

Writing

Form lower-case and capital letters correctly.

How can we use pre cursive patterns to create different polar landscapes?

- Water/ chalk writing on different surfaces.
- Tracing polar animals
- Write Dance– wallpaper with pictures of different landscapes.

Mathematics

Develop the key skills of counting objects including saying the numbers in order and matching one number name to each item.

How many groups of polar animals are there?

- Sorting Polar animals into contrasting groups.
- Matching polar animals to the corresponding number.
- '5 Little Polar Bears'- number songs with concrete objects.

Compare length, weight and capacity

Which is the shortest and longest, heaviest and lightest polar animal?

Comparing small world polar animals to predict a range of measures-which is heaviest/ longest? Check our predictions using non fiction texts.

Measuring the difference in weight and volume of water from ice to water.

Estimating station– how many ice cubes would it take to fill a range of containers.

Understand the World

Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class.

Who has been to the North and South Pole?

- Explore photographs and pictures of different explorers to the poles, through different time periods, including Shackleton, Scott, Hillary, Prince William, Ann Bancroft.
- Discuss the characteristics of sea otters, penguins and polar bears and how these vary from the animals that surround us.
- Life cycles -polar animals and how they begin their life. Which animals begin in an egg?

Recognise some environments that are different from the one in which they live.

What changes occur to our environment over time?

- Measuring daily temperature and compare to where our class animal lives.
- Floating and Sinking– exploring objects in different water temperatures.
- Recording our observations of seasonal changes (Autumn to Winter) over time and how this compares to the Arctic and Antarctic.

Expressive Arts & Design

Teach children to develop their colour-mixing techniques to enable them to match the colours they see and want to represent.

What do you think the landscape would look like at either of the Poles?

- Landscape pictures/ Polar animal art using Kara Walker style.
- Winter art scenes.
- Colour mixing process and paint brush skill.

Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.

How would you survive the night in the Arctic?

- Designing and constructing an igloo and shelter from a range of materials (indoors and outdoors).
- Using materials to create layers (role play Artic situations).