

Literacy - Fiction: Extended stories – Write an adventure set in the arctic or Antarctic using the characters polar bears and penguins. (Arctic Adventure/The penguin that wanted to find out....)

Non-Fiction: Information texts –All about the polar animals and their habitat

Poetry: Winter theme

SPAG – Main focus

Using a range of conjunctions – joining words and, but, or, because, that, when, if, so

Using suffixes – ed, ing, est and er correctly (Year 1 no change to root word jump/jumping)

Contractions – can't, I'm, don't etc

Using **Adjectives** and **Adverbs** in writing

Using different types of sentences - Statement – The cat was brown and fluffy.
Command – Shut the door.
Question – What is your name?
Exclamation – What a beautiful flower!
How amazing was that adventure.!

Spellings – Phase words, Days of the week, Year 1 and 2 common words

Maths - Multiplication and Division & Money

Year 1

- Count in multiples of 2, 5 & 10
- Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of a teacher.
- Recognise and know the value of different denominations of coins and notes.

Year 2

- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and =
- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.
- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
- Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
- Find different combinations of coins that equal the same amounts of money
- Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.

Science - Polar Regions

Animals

I can sort polar animals depending on their environment.
I can explain how polar animals adapt to their environment.
I can order the life cycle of a penguin.

Changing Materials

I can observe ice cubes over time
I can record observations
I can explain what happens when water is frozen or heated.

Insulators

I can work out which materials are best to keep warm
I know which food is available in the Polar Regions.
I know which foods are suited to the Polar Regions.

Weather (maths link)

I can read a thermometer
I can record data in a table
I can draw a bar graph using the data collected.
I can answer questions related to the data collected.

Seasonal Change – Winter

ICT: Search Technologies and E-safety - PowerPoint about Polar animals

I can use search technologies effectively.
I can locate specific information by using a search engine.
I can use search technologies effectively to search for a variety of media.
I can use Google and advanced searching to narrow search results in simple ways.
I can identify key elements of an effective presentation.
I can plan simple, effective designs on paper
I can create a simple slide presentation.
I can add simple text and images to my presentation.
I can add other elements, such as colour and themes to their presentation as appropriate.
I can add animation to my work if appropriate
I can present my work to my friends

Additional activities

Paint – Polar animals and scenes

Polar Regions



Willow Spring 2019

Art and Design – Polar Animals – Penguins

I can use pencils to create different lines and shapes

I can use graded pencils to create shade and tone

I can mix 2 paints to make another colour.

I can mould clay to make different shapes.

I can use clay-modelling tools safely.

Additional Use 2 paint a picture to create polar scenes – Arctic and Antarctic

Music - Rain rain go away - Exploring timbre, tempo and dynamics

Use percussion instruments to tell the story of Noah's Ark

Polar animal songs – Penguins and Polar Bears

Geography: Polar Regions

Contrasting Locations - Polar Regions

We will learn about:

- Where the polar regions are
- The environment
- The weather
- The landscape
- The animals
- The people/transport and how they live
- Climate change and pollution (melting ice caps)
- Polar explorers – Race to the South Pole

