

Year 1 & 2 – Frozen Kingdom

Mathematics

For mathematics this term, year 1 will focus on the topics of place value to 50, addition and subtraction, and measurement.

The children will learn to compare and order numbers to 50. They will be able to partition a number into tens and ones and say what is one more and one less than any number within 50. The children will practise number bonds to 20 and use these to add and subtract numbers within 20.

For measurement, the children will learn to measure height and length using non-standard units before learning how to measure in centimetres. The children will be comparing and ordering lengths and heights. The children will also use the vocabulary heavier and lighter to compare mass of different objects.

In year 2, the children will focus on the topics of money, multiplication and division, and measurement. The children will learn to count money in pounds and pence and will learn to make £1 in different ways. They will learn how to find change from £1 and will apply this knowledge to solving two-step problems.

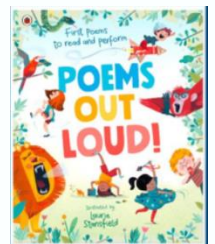
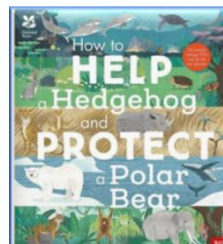
For multiplication and division, the children will learn to recognise and make equal groups. They will explore doubling and halving and will practise the 2, 5 and 10 times tables.

For measurement, the children will learn to measure in metres and centimetres. They will compare and order lengths and heights. The children will also learn to measure mass in grams and kilograms; and capacity in litres and millilitres. They will solve problems involving the four operations in the context of volume and capacity.

English

Reading:

To support our Big Picture topic, the children will be reading a range of texts on the themes of 'living things' and 'stories and poems'. The books will support the children to develop their word reading and comprehension skills as well as to increase their knowledge of a wider range of texts and themes.



Writing:

This term, year 1 and 2 the children will be writing:

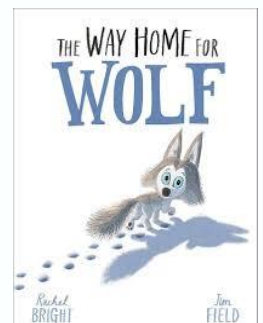
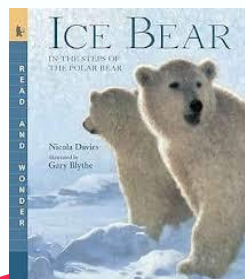
All about winter

How to dress for the Arctic

Museum Treasures (following the visit to the museum)

Arctic Animals - polar bear.

They will be developing their use of capital letters, question marks and exclamation marks within sentences. They will also explore the use of adjectives to describe characters and settings.



The Big Picture – Frozen Kingdom

History – Inuit history and culture

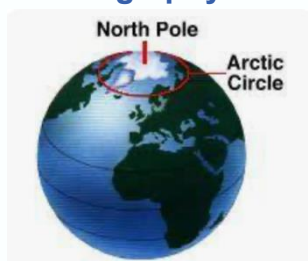
For history, the children will learn about Inuit history and culture. They will learn that Inuit people lived in small groups, dependent upon hunting, fishing and gathering for survival. They will learn how the Inuit had adapted to the challenges of the Arctic, including limited vegetation, snow and ice and long periods of darkness during winter. They will learn how the land and animals provided all that was necessary to survive, including food and fuel as well as the bone, teeth and skin used to make clothing, shelter, tools and utensils. They will explore Inuit technologies included the igloo, kayak, ulu (women's knife), quilliq (small stone stove that was the only source of heat and light during the long winter), fur clothing and toggle-head harpoons. They will consider how the Inuit people were extremely self-sufficient and creative with what the land had to offer. The children will make comparisons between the Inuit way of life 150 years ago to now.

Design and Technology – Wheels and Axles



This term, the children will learn about wheels and axels and how they allow a vehicle to move, applying this knowledge to real-life examples. They will also have the opportunity to experiment with structures by designing and creating the front of their vehicle so that it can get through the snow. The children will also gain experience in designing something to meet a design specification and evaluating their end product in relation to it.

Geography – Arctic Circle



For geography, the children will learn about the Arctic Circle. They will learn what the Arctic Circle is and be able to locate the it on a globe or map. They will learn about the weather and climate in the Arctic Circle and compare with that of the UK. They will learn about some of the features of the Arctic Circle, including the phenomenon of the Aurora Borealis (northern lights).

Art – Clay masks

For art, the children will be using clay to make an Inuit mask. They will first make a mask base. They will then choose an animal linked to their learning of animals from the Arctic Circle, such as bears, walruses and eagles and explore the basic shapes of their animals face. They will then cut the shapes and join to their mask using scoring and slip method. The children will then add details to their mask using their own imagination and creativity.



Music

For music this term, year 1 and 2 will focus on singing. They will learn how to use their voices confidently and in different ways. They will learn the importance of good posture and breathing techniques when singing. The children will learn how sounds can be changed and learn the meaning of the term 'pitch'.

The children will practise identifying the beat to the music and responding to this with percussion instruments. They will also learn about the tradition of Inuit throat singing and have a go at this for themselves.



PSHE

For PSHE this term, we will be exploring the topics of respectful relationships and caring friendships.

The children will learn how important friendships are in making us feel happy and secure, and how people choose and make friends. They will learn about the characteristics of friendships, including mutual respect, truthfulness, trustworthiness, loyalty, kindness, generosity, trust, sharing interests and experiences and support with problems and difficulties.

They will learn that most friendships have ups and downs and how to resolve any conflict respectfully. They will learn how and when to seek help for difficulties in friendships and who to seek help with.

Religious Education

For RE this term, the children will be learning about Judaism. They will explore the question: What do different Jewish people believe about God? In this unit the children will explore Jewish beliefs about God, looking at Abraham and the Shema.

After half term, the children will explore the Christian celebration of Easter by exploring the question: What is the good news that Jesus brings?

Computing

For computing, the children will develop their understanding of a range of tools in the Paint programme, such as: paintbrush, brush sizes, and brush styles, fill tool, eraser, undo and shape tools used for digital painting. They then use these tools to create their own digital paintings inspired by the northern lights and other artists' work. The unit concludes with the children considering their preferences when painting with and without the use of digital devices.



Physical Education

For P.E. this term, the children will be practising skills across the sports of hockey and netball.

They will practise and develop key skills for each sport including: passing, moving, marking and shooting. The children will also develop attacking and defending principles while gaining a greater understanding of the tactical side through game related practise.

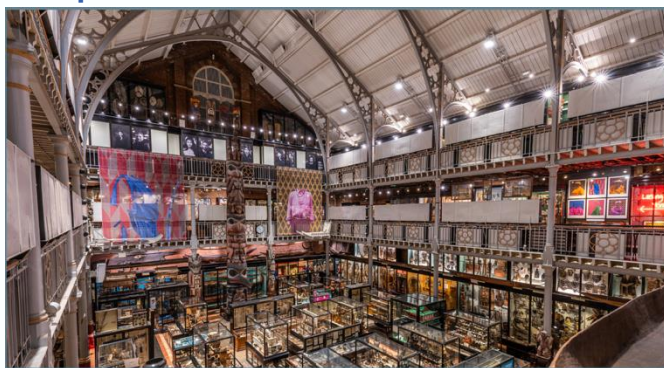
The children will also be exploring the 4 elements of dance: space, time, shape and energy. They will work to develop a whole class dance to showcase at our annual dance extravaganza.

Science

This term, the children in year 1 and 2 will explore the unit of 'Living things and their habitats'. They will learn that most living things live in habitats to which they are suited. They will learn what habitats are and how they provide the basic needs of different living things. They will learn to identify and name living things including plants and mini-beasts. The children will learn about the concept of a simple food chain, and to describe how animals obtain their food from other plants and animals.



Trips and enrichment



This term, year 1 and 2 will visit the Pitt Rivers museum and Natural History museum in Oxford. They will take part in a workshop about the Inuit way of life now and 150 years ago. In the session, they will find out about how the Inuit's used natural resources to survive the cold environment. They will have the opportunity to handle some objects from the museum's collection, including clothing and hunting equipment and will consider the resourcefulness of Inuit people.

They will also find out more about the Arctic environment and the range of animals living there.

