

Frozen Kingdom

Year 6

We are very excited to introduce to you our Year 6 Learning Journey for the spring term, 'Frozen Kingdom! The main focus will be life on the planet's coldest lands: Arctic and Antarctica. We will begin our learning by making and observing icebergs and exploring how they react in both salt and fresh water. Following this, we will be learning about how animals are adapted to survive in such extreme environments and how the animals and plants interact with each other. The Learning Journey will be woven into our creative writing too, with a narrative based on the life of a robin in winter and a piece or two based on Arctic explorers. We are all looking forward to an exciting and engaging term of learning in Year 6!



As **Readers** we will be focussing on our retrieval skills, as we use non-fiction texts to find out about the polar regions. We will also use our inference skills when reading our class text, 'Call of the Wild.'

As **Writers** we will put ourselves in the shoes of a robin trying to find his way home for winter, as we write a first person narrative based on 'Coming Home'. We will then examine the features of diaries and write our own diaries as polar explorers. We will also become reporters, as we write newspaper articles about the sinking of the Titanic.

As **Geographers** we will be using globes and maps to identify the polar regions. We will look at the impact climate change is having and evaluate the effectiveness and impact of environmental schemes in place to sustain or improve the environment. We will be learning about the impact of tourism on these places and what we can do to promote sustainable tourism and protect the polar environment.

As **Historians** we will be acknowledging different viewpoints as we study the sinking of the Titanic.

As **Technologists** we will be creating flowcharts to explain how icebergs are formed. We will also be designing, making and evaluating our own mittens.

As **Musicians** we will be composing our own music.

As **Artists** we will be learning how to create a tonal ink wash, as we create our own snow scenes.

Confident individuals

Responsible Citizens

Successful learners

Basic Skills - Communication (reading, writing, speaking and listening)

We will become effective communicators by using a range of techniques, forms and media to convey information and ideas creatively and appropriately. We will take part in debates, discussions and presentations - learning to respect the views of our peers.

Thinking Skills and Personal Capabilities

We will seek every opportunity to develop our ability and willingness to:

- Be independent
- Be imaginative
- Be collaborative
- Be focused
- Be motivated
- Persevere
- Be reflective
- Be curious

SMSC

Embedded throughout our topic are opportunities to explore and develop concepts and values on moral dilemmas. We will have a sense of empathy and appreciation with others; having time to reflect on how other's experiences differ to our own. We will make responsible and reasoned judgments and share our views and opinions confidently and respectfully.

Spring Term

Year 6 Learning Journey



P.E.:

Our theme across all our P.E. lessons this term is determination and integrity.

Our indoor PE lesson this term will be dance where children will develop and explore different ways to move. We will then link these movements together to form sequences and routines.

Our games lessons this term will focus on cricket and kwik cricket. We will refine our throwing and catching skills and apply these to fielding in cricket. We will also improve our batting skills and learn about the different ways to bowl.



Maths:

This term we begin by looking at decimals, percentages and algebra before moving on to geometry and ratio.

During our work on decimals, we will recap our understanding of numbers with up to 3 decimal places and apply this knowledge to multiplying and dividing.

As we move onto percentages, we will start by looking at converting fractions to percentages and equivalent fractions, decimals and percentages. We will then learn to calculate percentages of an amount.

In our work on algebra, we will start by looking at forming expressions by using function machines. We will then apply this to abstract algebraic equations.

During our geometry work, we will learn how to calculate the area and volume of a different shapes.

As we move onto ratio, we learn how to use ratio language, how to calculate ratio and all about scale.



Science:

This term, we will begin by learning about evolution. We learn about adaptation and looking at how climate change is impacting this. We also learn about inheritance. We will then examine fossils and explain what they can tell us about evolution of different species, including humans. We will also learn about Charles Darwin.

After half-term, our focus shifts from animals to plants. We learn about the classification system and classify different native and non-native plants. We then look at the life-cycles of different plants, including how different types of plant reproduce. We finish by drawing and labelling diagrams of different plants.



Grammar, Punctuation and Spelling

In spelling, we will be looking at how the same sound can be formed from different groups of letters.

In grammar and punctuation, we will be focussing on using more complex punctuation, including colons and semi-colons. We will also deconstruct sentences.



PSHE:

This year we are continuing to learn about how we can be good friend to each other and manage our own emotions through our weekly sunshine circles. We will also learn about how to respect and tolerate those who hold different beliefs to us, through debates and discussions.

RE:

In RE we are learning about Hinduism. This will involve learning about daily life, places of worship and religious occasions. We will then compare Hinduism to other religions.

