



## Year 6 – SPRING 2

### Frozen Kingdoms!

Frozen Kingdoms: The children will continue learning about the Polar regions. They will learn about Antarctic expeditions and the significance of these discoveries. The children will study Shackleton in more detail and learn about his expedition. Following this, they will learn about the Titanic and present a historical narrative about the tragic event. Children will apply the knowledge they have acquired by writing a magazine article titled 'Pole to Polar' before completing an end of unit quiz.

### Reading

As children begin to approach the end of their time in primary school, they will continue to refine their reading skills. Children will look at a range of different texts and text types – including fiction, non-fiction and poetry – about a range of different topics. They will use implied and multi-layered meaning to predict what might happen. After that, they will identify and discuss the tone (register) in what is read with reference to the text to justify opinions. When reading non-fiction, the children will read and understand examples of official language and its characteristic features, e.g., through discussing consumer information, legal documents, layouts, use of footnotes, instructions, parentheses, headings, appendices and asterisks. Next, the children will identify the features of balanced written arguments. In poetry, children will recognise how poets manipulate words: for their quality of sound, e.g., rhythm, rhyme, assonance; for their connotations; for multiple layers of meaning.

### Writing

NON-FICTION: This half term, children will produce a non-fiction piece of writing which compares two sides of an argument. Children will research both sides of an arguments before compiling their ideas to form a balance argument. Children will continue to include everything that has been expected of them as a year 6 writer, but will have a stronger focus on some of the trickier elements of Year 6 writing, such as writing sentences using the passive voice.





## Maths

**STATISTICS:** In this unit, the children will be looking at different types of graphs, including line graphs and bar charts. Children will also interpret and read pie charts for the first time.

**GEOMETRY:** In this unit, children will investigate vertically opposite angles, solve problems involving angles, investigate angles in triangles, investigate angles in quadrilaterals, find angles in polygons, name parts of a circle, solve problems involving angles in a circle, draw triangles, draw quadrilaterals and draw nets of 3D shapes.

## PSHE

**HEALTHY ME:** In this Puzzle, the children discuss taking responsibility for their own physical and emotional health and the choices linked to this. They learn about different types of drugs and the effects these can have on people's bodies. They also learn about mental health/illness and that people have different attitudes towards this. They learn to recognise the triggers for and feelings of being stressed and that there are strategies they can use when they are feeling stressed.

## Science

### ELECTRICITY:

This half term our science focus will be electricity. The children will be looking at different symbols within a circuit and how voltage can affect different components within a circuit. The children will then associate the brightness of a lamp or the volume of a buzzer with the number and voltage.

of cells used in the circuit. After that, the children will compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. Finally, the children will use recognised symbols when representing a simple circuit in a diagram.

## DT

**ENGINEER:** This project teaches children about the remarkable engineers and significant bridges, learning to identify features, such as beams, arches and trusses. The children complete a bridge-building engineering challenge to create a bridge prototype.





### Music

**YOU'VE GOT A FRIEND:** Children will listen to and appraise 'You've Got A Friend' by Carole King. Children will make comparisons to other songs by Carole King. We will use these songs as inspiration for improvisation and composition.

### RE

**ISLAM:** Laila al Miraj

Children will learn about Laila al Miraj which celebrates the story of Muhammad's Night Journey. We will look at this story in detail and consider how this story could strengthen the faith of a Muslim believer. We will also consider why sacred stories are so important in religion.

### PE

**TAG RUGBY:** This half term, the children will be taking part in an invasion games unit based on tag rugby. This unit consists of learning how to tag a player, choosing a pathway to move with the ball past defenders, passing a ball backwards or sideways with control and accuracy, choosing the right time to pass and to offer support to teammates.

### Computing

**SPREADSHEETS:** The children will be introduced to the new unit of spreadsheets. In the lessons, children will explore probability by using a spreadsheet to investigate the probability of the results of throwing many dice. They will then use a spreadsheet to calculate the discount and final prices in a sale. After that, they will create a formula to help work out the prices of items in the sale. They will then use a spreadsheet to plan how to spend pocket money and the effect of saving. Finally, the children will plan a school event; they will use a spreadsheet to plan a school charity day to maximise the money donated to charity.

### Geography

Children will learn about Polar climates, Polar oceans and landscapes as well as the effects of climate change. We will apply our geographical understanding of the Polar regions to produce a magazine article all about The Arctic and Antarctic.

