

Year 5/6 Spring 2, 2023

## Frozen Kingdom

Grampond Road  
Curriculum maps



Inspire  
What did Shackleton have to endure?

Discover  
How harsh are the conditions in the Polar Regions?

Thrive  
How can we play our part to prevent climate change?

### Literacy (including reading)

Intent: to publish a non-chronological report and fictional story.

In Literacy this half term, children will:

- We will be writing a non-chronological report about Shackleton's expedition.
- We will also be writing a fictional story about a rescue.
- We will have opportunities to write non-fiction pieces in the form of a diary entries.
- During the term, we will be focusing on subordination, passive and active voice, use of a semi colon to join related sentences together and also relative clauses.

Our class read is The Last Bear by Hannah Gold.

Key vocabulary: relative clause, subordinate clause, semi colon, paragraphs, passive voice.

Impact: we will write a non-chronological report based on Shackleton's expedition and write a story containing a rescue.

### Maths

Intent: Multiplication and Division and Fractions (Y5)  
Metric units and Ratio (Y6)

#### Year 5: Multiplication and Division

- Short Division
- Dividing a four-digit number by one-digit
- Divide with remainders
- Efficient division
- Problem solving using multiplication and division

#### Fractions

- Multiply by a unit and non-unit fractions
- Calculate fractions of a quantity
- Finding the fraction of an amount
- Finding the whole

#### Year 6 Metric Units:

- Metric measures
- Converting metric measures
- Calculate metric measures
- Miles and kilometres
- Imperial measures

#### Ratio:

- Use ratio language and symbols
- Ratio and fractions
- Scale drawings
- Using scale factors
- Similar shapes
- Ratio and proportion problems

Children will also be focusing on their fluency, reasoning and problem solving whilst using 'Times Table Rock Stars' to boost multiplication fact recall.

Key vocabulary: number,  $<$ ,  $>$ ,  $=$ , equal and shared groups, lots of, calculate, distance, mass, capacity, scale, unit and non-unit fraction, denominator, numerator, common multiple.

Impact: we will be able to complete calculations covering a range of topics whilst applying our knowledge to reason and solve problems.

### R.E.

Intent: examine what the resurrection really means to Christians (Salvation).

This investigation enables children to consider the resurrection and what the impact is on Christians.

- We will investigate what the bible says about the resurrection.
- Identify why Christians believe in the resurrection and what this actually means.
- Investigate how the resurrections ties in with other Christian beliefs.
- Realise how Christians put their beliefs in the resurrection into practice.
- Investigate how belief in the resurrection brings hope to Christians.

Key vocabulary: Salvation, Christian, values, resurrection, beliefs, hope, crucifixion, tomb, sacrifice,

Impact: to understand how the resurrection of Jesus makes a difference to how people live their lives today.

### Science

Intent: During this unit, children will learn the seven life processes that distinguish living from non-living things.

In Science this half term, children will give reasons for classifying plants and animals based on specific characteristics.

- We will identify the seven life processes and explain how animals and plants complete each process.
- We will explain how mammals reproduce and realise the gestation periods differ for mammals.
- Identify how animals reproduce and explain the groups of animals which lay eggs.
- Explain the process of pollination.
- Describe the similarities and differences in the life cycles of amphibians, insects, birds and plants.
- Order and compare the life cycles of a strawberry and dandelion.

Key vocabulary: fertilisation, pollination, pollen, stamen, pistil, seed dispersal, reproduction.

Impact: children will describe differences in the life cycles of mammals, amphibians, reptiles, birds and insects. They will learn how animals and plants reproduce; comparing differences and similarities between five different animal groups

### PSHE

Intent: to understand that we can take responsibility for leading healthy lifestyle.

In PSHE this half term, children will:

- Understand the importance of taking responsibility for my health and make choices that benefit my health and well-being.
- Know about different types of drugs and their uses and their effects on the body particularly the liver and heart.
- Understand that some people can be exploited and made to do things that are against the law.
- Understand why some people join gangs.
- Understand what it means to

Key vocabulary: responsibility, choice, drug, effect, high, exploited, vulnerable, stress, mental health, manage, symptoms.

Impact: we will have a better understanding on how to look after ourselves and what we can do to improve our mental health.

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**Computing**

Intent: children learn the basic principles of creating and maintaining a blog in a controlled and safe environment.

During this unit, children will:

- To identify the purpose of writing a blog.
- To identify the features of successful blog writing.
- To plan the theme and content for a blog.
- To understand how to write a blog and a blog post.
- To consider the effect upon the audience of changing the visual properties of the blog.
- To understand how to contribute to an existing blog.
- To understand the importance of commenting on blogs.
- To understand how and why blog posts and comments are approved by the teacher.

Key vocabulary: purpose, writing, audience, comments, approved, theme, visuals, blog.

Impact: children a basic understanding of how to plan, create and present their own blog using Purple Mash's 2Blog

**Geography**

Intent: to investigate the human impact of climate change and to understand the challenges the planer faces.

In Geography this half term, children will investigate climate change and the impact it is having in the Polar Regions. Children will:

- To identify some causes of climate change, and consider reasons why some people do not believe in climate change or do not take action on climate change.
- To identify some effects of climate change on people at home and abroad.
- To find out about 'green' careers which are related to action on climate change and improving the environment.

Key vocabulary: cause, effect, consideration, climate change, habits, melting of ice caps, greenhouse gases,

Impact: we will have a deeper understanding of climate change and how we can change our habits to ease climate pressures.

**D.T.**

Intent: to understand the how bridges get their strength and how they maintain suspension.

In DT this half term, children will investigate bridges and their engineers. Children will:

- Research famous bridges and sketch them before researching the engineer who designed and made the bridge.
- Identify the features of a bridge and understand the reason behind each feature.
- Use paper to experiment building strong bridges;
- Realise why triangles are an important shape when building bridges,
- Design a bridge prototype,
- Build a bridge.

Key vocabulary: bridge, suspend, structure, support, feature, hand, and strut.

Impact: we will be able to design and build a bridge which can be suspended and able to hold a set amount of weight.

**P.E**

Intent: to be able to perform as part of a group to perform a dance routine.

Dance lessons led by Katie Bell.

Key vocabulary: body tension, movement, rhythm, routine, movement pattern, steps. beat.

Impact: we will be able to put together a dance routine to be used during the summer production.

**Music**

Intent: listen to and explore rap music.

- This half-term our learning is focused around the genre, rap.
- We will listen and appraise different songs that fall under the rap and hip hop category.
- We will listen to and learn songs through different games, exploring the pulse and rhythm.
- We will use instruments to play instrumental parts within tracks.

Key vocabulary: rhythm, chord, sing, chorus, instrumental, timing.

Impact: perform the song A Fresh Prince of Bel Air with our own improvisations.