

## Maths

**Fractions:** Calculate using unit and non-unit fractions by integers and fractions, including multiplication. Know how to work out fractions of an amount, use fractions as operators and divide fractions by integers.

**Ratio:** Understand and use ratio language and the ratio symbol. Learn to calculate ratio, use and calculate scale factors, solve ratio and proportion problems.

**Decimals and Percentages:** Understand decimals up to 3 decimal places, convert fractions into decimals and vice versa, multiply and divide decimals by 10, 100, 1000 and other integers, understand percentages as fractions and decimals, know equivalents, round, order and compare F.D.P. Be able to work out percentages of amounts.

Each unit mentioned below will support the application of calculation skills in different contexts and through problem solving.

## JIGSAW (PSHCE)

### JIGSAW (PSHE) Goals and Dreams

Identify jobs for the future and understand what motivates and will enable achievement. Appreciate the opportunities that learning and education bring and understand how education helps to build our futures. Appreciate similarities and differences in aspirations between young people across different cultures.

## PE Dance Street Dance

To use different compositional ideas to create motifs and dance phrases incorporating unison, canon, repetition, action, reaction and changes of direction, level, speed and pathway.

## Computing:

Use knowledge and understanding about; circuits, components, coding and Micro: bits, to design, create and programme a remote home device such as a light. Children will learn how to transmit an instruction via radio to another Micro:bit and will incorporate this knowledge into their program.

Y5/6 Danube Class

Spring First Half Term 2023

## FROZEN KINGDOM



### Geography: 2041 Schools – Champions of Antarctica

#### What is the Antarctica Treaty and why is it important?

Learn about sustainability and the causes and impact climate change has on the South Pole. By exploring the awe and wonder of Antarctica learn how the Antarctica Treaty protects this extreme wilderness and the creatures that live there. Foster a questioning mindset to present a framework for action, in order to help make informed and constructive changes and influence wider societies.

### Art Inuit Art

Find out about the Inuit way of life through artistic traditions and culture. Explore naturalistic images and materials used by Inuit artists. Create sculpture using soap carving techniques and images using block printing and stencilling. Find out about and respond to the artwork of Kenojuak Ashevak, including the famous Enchanted Owl, which was used on the Canadian stamp in 1970.

### Science: Electrical Circuits and their Components

How do Antarctic research stations get power?

To learn about electrical circuits, their components and how they function. Recognise how the voltage of cells affects the output of a circuit and record circuits using standard symbols. Use programmable devices, sensors and monitoring equipment when carrying out investigations and record data accurately in a variety of ways including, line graphs, tables and charts.

Find out about how research stations at the Antarctic get power and investigate different sustainable ways of generating energy.

## English

Novel Study 'Call of the Wild' by Jack London

**Writing:** Write exciting narratives in the style of Jack London, focusing on the writing of action, character and dialogue. Make carefully considered choices when writing to affect the reader's thoughts and feelings. Apply writing techniques learnt to produce a final piece of writing based on an animal adventure in an engaging and classic style.

**Reading:** Use a range of texts to develop reading skills involving word meanings, retrieval, summarising, inference, predicting, meaning, language impact and comparisons within texts.

**Spelling:** Recognise homophones and near homophones. Use suffixes to change nouns to adjectives, adjectives to nouns and adjectives/nouns to adverbs.

**Grammar:** Punctuation for parenthesis as well as use of commas, colons and semi-colons. Use of past tense, present tense and perfect form. Elements of active and passive voice in sentences. Use of adverbs to intensify and modify.

### RE: If God is everywhere, why go to a place of worship? (Christian and Muslim comparison.)

Find out about the various purposes of a place of worship as well as how believers see these places.

Think about the idea of God's presence on earth and in believers' lives and reflect on the value and purpose of worship in religion.

### GERMAN: Going to the Market

Learn the vocabulary and phrases to be able to ask for the price of fruits and vegetables and participate in a simple shopping discussion.

### Music: Livin' on a Prayer

How do elements of rock music compare with other styles of music?

Listen to and respond to a range of rock music. Play and perform in ensemble contexts, using voices and instrumental parts within a song.