



## Year 5 Curriculum Map: Spring 1

### ENGLISH

#### **Ice Trap! Shackleton's Incredible Expedition- M. P. Robertson and Meredith Hooper**

- Using commas to build cohesion and avoid ambiguity
- Understand the terminology; determiner, parenthesis, relative pronoun
- Drafting and writing narratives, developing plots, characters and settings
- Participate in discussions about a text and recognise theme.

### MATHS

#### **Multiplication and Division, and Fractions**

- Multiply 4-digits by 1-digit (contracted method)
- Multiply 4-digit numbers by 2-digit numbers (contracted method)
- Divide 4 digits by 1 digit (short division)
- Mixed number and improper fractions
- Converting mixed and improper fractions
- Simplifying fractions
- Adding and subtracting fractions
- Multiples and factors.

### SCIENCE

#### **Forces**

- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- Understand that forces acting upon an object are balanced, and oppose each other
- Work scientifically to demonstrate the effects of different forces
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

### Geography

#### **South America**

- Identifying different continents and countries within a continent
- Identifying the features of the climate and landscape, and Trade and Industry in South America
- Comparing South America to the United Kingdom.



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### MUSIC

#### **Exploring key and time signatures**

- Understanding what a key signature is
- Investigating how time signature changes the speed of the music
- Understanding the vocabulary: Allegro, Crotchet, Major, Minor, Minims and Quavers
- Appreciate different styles of music.

### COMPUTING

#### **Microsoft Word**

- Carrying out research and how to correctly cite the source of information
- Making a document on Microsoft word, including how to save
- Inserting images and considering copyright.

### FRENCH

#### **Food**

- Learning to ask and answer questions about what foods they like and dislike.
- Give instructions on how to make a sandwich.
- Talk about the difference between healthy and unhealthy food.
- Translate a recipe into French.

### DT

#### **South American myths and legends - Sewing**

- Identifying different types of stitch and what they are used for
- Deciding which method to use for connecting two pieces of material, or affixing decoration
- Designing a product based on a brief.

### PE

- Hockey
- Tag Rugby
- Team Games.

**PE will be on a Wednesday afternoon. All of the sessions will be outside therefore children will need to wear appropriate clothing.**

### PSHE

#### **Dreams and Goals**

- Different cultures
- Challenging stereotypes
- Rumours and Name-calling
- Different types of bullying
- Celebrating difference across the world.

### RE

#### **Surrey Agreed Syllabus - What does it mean to be part of the synagogue community?**

- Explore, gather, select and organise ideas about religions or beliefs.
- Investigate and describe similarities and differences within and between religions and beliefs.
- Visit a synagogue.

## Key Vocabulary

<u>Maths</u>
divisor
dividend
numerator
denominator
expanded
common multiple
equivalent

<u>English</u>
determiner
relative pronoun
clauses
themes
cohesion
ambiguity
structures

<u>Science</u>
resistance
gravity
force
Newton
friction
mass
speed

<u>Topic</u>
Antarctica
expedition
explore
journey
continent
climate
mountain