



Year 5 Curriculum Map: Spring 1

ENGLISH

Ice Trap – Shackleton’s Incredible Expedition

- 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 themes

MATHS

Area and Perimeter, Multiplication and Division and Fractions

- Measure and calculate perimeter and area of composite rectilinear shapes.
- Multiply 4 digits by 1 digit (expanded method). Divide 4 digits by 1 digit (short division)
- Mixed number and improper fractions
- Adding and subtracting fractions

SCIENCE

Forces

- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.
- 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 – A Study of South America

- Using map work skills to locate key cities and geographical features
- Identify features of human and physical geography
- Make comparisons with the geography of the UK.

Why do we Explore?

This term we are focusing on exploring, which is one of our '8 Great Ways of Being our Best.' We will be combining our learning on Ernest Shackleton, South America and Scientists to discuss why being an explorer is so important in understanding and improving our world.

MUSIC

Theme: How does music improve our world?

- Listening and appraising
- Improvisation
- Composing and performing

COMPUTING

Online Safety and Microsoft Word

- Inserting and editing images
- Presenting information
- Using tables

FRENCH

French- Foods

- Naming different foods
- Talking about healthy and unhealthy foods
- Express opinions about food

DT

Mechanisms – Pulleys and Levers

- Explore how simple mechanisms work
- Develop a design criteria
- Build a mechanical grabber

PE

- Tag Rugby
- Dance
- Fitness and skills progression

PE will be on a Thursday afternoon and will take place outdoors.

PSHE

Goals and Dreams

- Comparing the dreams and goals in different cultures
- Understand how to encourage peers
- Identifying what motivates us

RE

Surrey Agreed Syllabus – 'What helps Hindus to worship?'

- Recognising and understanding the meaning of symbols of Hinduism
- Understanding how Hindus worship the supreme divine reality (Brahman)

Key Vocabulary

<u>Maths</u>
perimeter
area
equivalent
numerator
denominator
expanded
common multiple

<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