

## Maths

### Ratio and Proportion:

- Using the language of ratio
- Using the symbol of ratio
- Solving problems involving ratio

### Algebra part 1:

- Function machines

### Decimals:

- Place value within 1
- Rounding decimals
- Adding and subtracting decimals
- Multiplying and dividing by powers of 10

### Algebra part 2:

- Forming expressions
- Substitution
- Formulae
- Forming equations
- Solving equations

## PSHE

In this unit, we are learning about how to set aspirational but realistic goals for ourselves, both in and out of school. We will be thinking about the steps we need to take to achieve our goals and how rewarding it is to strive for and achieve targets over the course of our lifetimes.

## RE

We will be answering the key question 'Why is it better to be there in person?' by exploring religious and non-religious journeys and pilgrimages and why going to a particular place is so important to some people.

## Trips, visits or experiences

We will be working on our Remote<sup>3</sup> project with our visiting buddies and beginning to design our robots before programming them to complete tasks in the Mars Yard.

## Devastating Disasters

Year 6  
Spring Term 1

## Core Texts



### Writing outcomes

This term we are writing a flashback narrative based on our reading and writing text, *The Invention of Hugo Cabret*.

## PE

We are learning about cricket with our coach, Ali and developing our relationships by working on teambuilding activities with Miss Clarke.

## Computing

We are learning about how to change variables and use them to create our own games.

## Geography

This term we are learning about the deadly disasters which happen around the world. We will study:

- Tectonic plates and how they are involved in the formation of mountains and volcanoes
- Mountains and volcanoes in South America, specifically the Andes
- Where in the world disasters take place and the reasons for this
- How people in disaster-prone countries protect themselves against natural disasters

## Science: Living things and their habitats

We are learning about:

- Classifying living things
- Recognising characteristics of different animal classes
- Key scientists
- The difference between plants and fungi
- Different classifying systems
- How to produce our own classifying keys

## DT

We will be testing and analysing various types of bridge to determine their strength and stability. We will explore material properties and sources before marking, sawing and assembling a wooden truss bridge.

## Spanish

We are learning about how to say the names of the shapes in Spanish and all about some influential Spanish artists.