



# Curriculum Map – Class 3 – Spring 2025

## Maths

- Use formal written methods for multiplication
- Use formal written methods for division expressing remainders as decimals
- Identify common factors, multiples and prime numbers
- Calculate area and perimeter of shapes
- Calculate the size of angles using known facts about shapes
- Draw and measure angles
- Calculate percentages of amounts
- Use algebra to represent simple problems

## Art and Design

- Painting of a seascape based on the artist Hokusai and his seminal piece: "The Wave".

## PE

- Invasion Games (hockey, football and basketball)

## English

- We will be writing a persuasive letter to Seaworld discussing the captivity of orcas using:
  - Persuasive Language
  - Formal Language
  - Year 6 spellings.
  - Question marks.
  - Rhetorical questions.
- Non-chronological report on volcanoes using
  - Subheadings
  - Relative clauses
  - Description
- We will be writing a description and list of instructions on how to create a Wallace and Gromit inspired Cracking Contraption using:
  - Imperative verbs
  - Year 6 spellings.
  - Numbered lists in chronological order.
- Narrative creating atmosphere using:
  - Description of atmosphere.
  - Description of settings.
  - Description of people.

## Science

### Animals including humans

- Investigate the impact of exercise of the pumping of the heart.
- Describe the ways in which nutrients and water are transported within animals, including humans.
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood

## Music

Listen and appraise a variety of music.  
Learn to improvise  
Listen and appraise music  
Compose elements of a song

## RE

We will be looking at how humanists and other religions believe that we should look after the world.

## PSHE

### Dreams and Goals



- Personal learning goals and steps to success
- My dreams for the world
- Helping to make a difference
- Recognising our achievements
- My dream job and how to get it
- Rallying support

### Healthy Me

- Taking responsibility for my health and well-being
- Smoking, drugs and alcohol
- Gangs
- Body image
- Emotional and mental health
- Managing stress and pressure

## Geography

### Climate

- We will learn about climate zones and climate change.
- Learn about the impact of human activity on the earth.
- Learn about issues such as deforestation.
- Learn about renewable energy.
- We will learn about how places change over time.

### Natural disasters

- How volcanoes are formed?
- How earthquakes happen.
- Different types of plate boundaries.
- How tsunamis happen.
- Short and long term impact of natural disasters.

## Computing- Mars Rover

- Identify some types of data the Mars Rover could collect (for example, photos).
- Explain how the Mars Rover transmits the data back to Earth and the challenges involved.
- Read any number in binary, up to eight bits.
- Identify input, processing and output on the Mars Rovers.
- Read binary numbers and grasp the concept of binary addition.