

YEAR 6

Term 3

Spring 2025



## Key Vocabulary

English – decadent, captivating, beneficial, furthermore, evident, utterly

Maths – substitution, formulae, proportion, ratio, equation, scale

Computing – variable, program, strings, algorithm, code, modify

Science – evaporate, viscous, sediment, filtration, opaque, translucent

Geography – sustainability, renewable, habitat, endangered, extinction, conservation

Art – graffiti, vandalism, tagging, satirical, stippling, stencil

RE – eternity, emancipation, immortality, faith, reincarnation, morality

## English

Pitting ourselves against the 'Dragons', we will be presenting a persuasive speech to sell an original chocolate creation to a panel of local business owners. In order to create that perfect, persuasive pitch, we will explore and use a variety of techniques and devices:

- Choosing vocabulary for effect and impact
- Cause and effect conjunctions
- Modal verbs and adverbs
- Hyphens for clarity
- Presentation skills

## Mathematics

In Year 6 Maths, we will be learning about ratio, algebra and decimals:

- Ratio and fractions
- Scale factors and proportion
- Substitution, formulae and equations
- Place value – integers and decimals
- Rounding decimals
- Add, subtract, multiply and divide by integers

Within our learning, we will use concrete, pictorial and abstract representations, as well as applying our skills to reason and problem solve.

## Science

In preparation for the Trust's Science Fair, we will be looking at creating and testing an environmentally-friendly alternative to plastic. Our investigations and experiments will apply our prior knowledge of materials and states of matter.

## Computing

Our unit explore the concept variables in programming through Scratch games. Applying the 'use-modify-create' model, we will create a simulation of a scoreboard before creating our own project. After the initial design, we will improve our Scratch game.

## Religious Education

In RE, we will be looking at the Christian perception of eternity. Through the exploration of vows and promises, life and death, we will consider how Christians relate to the wider world, while reflecting on our own views and beliefs.

## PE

This term, we will be participating in two different disciplines – hockey and gymnastics. Multiple skills are developed when playing hockey, including physical competence in balance, coordination and agility, as well as developing teamwork and communication. Gymnastics will support the development of core stability, balance and spatial awareness.

## Spanish

During this half term we will explore the topic of sports, including the nouns for sports and the verb 'jugar'. We will create opinions about sports and look at a variety of adjectives for liking or disliking a sport. At the end of the unit, we will investigate a Spanish sporting event and write a description of a sport and how it is played.

## Geography

Linking with our Science Fair theme, this Geography unit will explore how we can protect the planet. We will consider how natural reserves can be safeguarded and sustainable, renewable resources used instead, as well as how to protect our oceans.

## Art

Taking inspiration from artists like Banksy and a range of graffitiists, we will create our own Street Art masterpiece using stencils and stippling. Throughout the unit, we will consider whether *Street Art* is actually vandalism or art.

## PSHE

PSHE will explore the theme of migration, immigrants, refugees and the homeless. Understanding how and why people become misplaced will support tolerance and help us build empathy. We will also consider human rights and how these allow people from all walks of life to live equal opportunities to make the most of their lives.

## Music

'The street' is the setting for this unit of buskers and flash mobs. We will explore Ravel's Boléro through rhythmical mime, learn songs with instrumental accompaniments, and create a dance to build into a thrilling street performance.

## Learning to Learn

Through the text *The Invisible* by Tom Percival, we will be exploring the importance of listening to support our learning and success, and empathy to develop kindness and an understanding of others.