



## Year 5 and 6 Curriculum Summer 2022

### Y6 Maths

#### Year 6 Power Maths Book C:

- ★ Arithmetic, using the four operations: addition, subtraction, multiplication, division.
- ★ Problem Solving, deepening understanding of core elements of the maths curriculum.
- ★ Maths games and challenges.

### Y5 Maths

#### Year 5 Power Maths Book C:

- ★ Unit 12: Decimals: adding, subtracting and multiplying
- ★ Unit 13: Geometry - properties of shapes (1)

### Computing

#### Sensing

- ★ . This unit brings together elements of all the four programming constructs: sequence, repetition, selection, and variables. The learners will build a simple programme in and test it in the programming environment, before transferring it to their micro:bit simulator. Learners then take on three new projects with each adding more depth.

### French: A School Trip

Children will consolidate and build on core vocabulary learning action verbs. They will use present and past tense of verbs to talk about where they go and what they see on a school trip. They will learn the French version of the Wheels on the Bus, too.

### Art/DT

Children will learn how to design and build a moon buggy by researching moon buggies and space robotics, looking at their materials and structures. They will design and build their own moon buggy using electrical circuits to power the vehicles.

### English Y6

#### Class Text – Cosmic

- ★ Biography about The Queen
- ★ Sci-Fi Narrative based on Cosmic.
- ★ Poetry using imagery
- ★ Play Scripts

#### SPaG:

- ★ Punctuation: using the full range of punctuation from Y6 curriculum.
- ★ Cohesion in writing
- ★ Spelling Strategies

### English Y5

#### Class Text – Wonder

- ★ Diary and letter writing based on narrative text

#### Non-Fiction:

- ★ Non-Chronological Report
- ★ Write a speech

#### Poetry:

- ★ Write and perform a freedom poem

#### SPaG

- ★ Commas
- ★ Cohesion

### Leap Into Space!

In this topic, children will learn: information about the solar system and deep space; modern space developments; and how we use technology from satellites in space to help us in everyday life.

Geography: Children will use photographs and data collected from space to complete a field-work project, mapping the local area of Long Newton.

### RE

#### Why do some people believe in God and some people not?

- ★ Making sense of belief: define the terms 'theist', 'atheist' and 'agnostic' and explain what religious and nonreligious people believe about God, saying where they get their ideas from, giving examples.
- ★ Understanding the impact: make clear connections between what people believe about God and the impact of this belief on how they live, show how Christians sometimes disagree about what God is like.
- ★ Making connections: reflect on and articulate some ways in which believing in God is valuable in the lives of believers, and ways it can be challenging, consider and weigh up different views on theism, agnosticism and atheism, expressing insights of their own about why people believe in God or not, reflecting on their learning.



### Science

#### Earth & Space

Children will learn about:

- ★ describe the movement of the Earth and other planets relative to the sun in the solar system
- ★ describe the movement of the moon relative to the Earth
- ★ describe the sun, Earth and moon as approximately spherical bodies
- ★ use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

### PSHCE

#### Growing and Changing

- ★ The children will learn about the menstrual cycle and about menstruation products that are used during the menstruation cycle. They will talk about the changes that occur during puberty. They will also discuss the external body parts using the correct, scientific vocabulary and the role of each body part or how it relates to puberty. They will look at some of the thoughts and feelings or emotions that may come up when a person is going through puberty as well as physical changes. They will also discuss that there are often stereotypes around the issues of sex, gender and sexual orientation and people who are seen to be different are often bullied. They will discuss how these stereotypes can be unfair, negative or destructive and we need to respect others, even if they are different.

### Music

- ★ Children will be developing their abilities to recognise, play & describe styles and genres of music. Consolidating all of the learning from the year, children will work towards a final performance of Samba music for the school summer concert.

### PE

- ★ Orienteering
- ★ Multi-Sports.
- ★ Sports Week and Sports Day