



## Curriculum Information

## Spring Term

## Year 6

### Maths:

Spring 1:

The children will be developing fluency, reasoning and problem solving skills through the following units:

- Ratio
- Algebra

Spring 2:

The children will be developing fluency, reasoning and problem solving skills through the following units:

- Decimals
- Fractions, decimals, percentages
- Area, perimeter and volume

Throughout the term, children will also participate in daily Maths soft start designed to reinforce fluency skills. They will complete weekly Maths SATS revision designed to develop their fluency, reasoning and problem solving skills.

### Geography

Spring 1: North America The Countries of North America Environmental Regions of North America.

Spring 2: British Geographical Issues Air pollution Climate change Waste/Litter Local Context.

### History

Spring 1: World War I The causes of World War I On land, at sea and in the air Life on the Western Front The Home Front Consequences of War

Spring 2: The Suffragettes. Democracy in the 19th Century. The National Union. Emmeline Pankhurst and the WSPU. The Anti-Suffrage campaign. World War I and the Representation of the People Act.

### English:

The **children's writing** will focus on:

- Descriptive writing
- Narrative
- Informative Letters
- Balanced Arguments
- Non-chronological reports

Our **key texts** are:

Cloudbusting, Greta and the Giants. Throughout these units, we will strive to accomplish our reading and writing targets and produce quality writing that displays our understanding of sentence structure and punctuation.

Our **grammar focus** will be:

- Word classes – nouns, pronouns, articles, verbs, adjectives, adverbs and prepositions.
- Sentence types – phrases, main clauses, subordinate clauses, conjunctions, standard and non-standard English.
- Punctuation – apostrophes, inverted commas, commas, brackets and dashes, colons, semi-colons.

### Science

Spring 1: Electricity: Simple Series Circuits, Parallel Circuits, Switches, Planning and conducting an Investigation.

Spring 2: The Human Body The Heart: Circulation of the Blood, blood Vessels and Transport Components of Human Blood, blood Pressure and Heart Rate.

### Art - Victorian Architecture

1. Reviving different architectural styles
2. The Houses of Parliament
3. Local Victorian Architecture
4. Introduction to the Pre-Raphaelites—Millais
5. The Pre-Raphaelites and realism—Rossetti

### DT

We will be looking at controllable vehicles. Students will study the mechanisms, which make vehicles work the way they do. Students will then be designing and building vehicles using electronics.

### PSHE

How do we create equality for all citizens? How can I be prepared for work in the future? How do I stay critical online?

### RE

In this unit children will be learning about Christian, Jewish and Muslim beliefs of a soul, and consider beliefs from these religions about what happens when we die.

### PE

Gymnastic: To perform basic gymnastic shapes, jumps, rolls, balances. To balance and jump on and of various apparatus.

Physical fitness: to develop explosiveness, balance, power and strength. We will build resilience and perseverance and collaboration with our peers.

### Computing

Information Technology - My exciting world landmarks (4 lessons - Finding information online) using a range of resources including: Presentation software, NEN gallery, Child friendly search engines, BBC bitesize, Virtual field trip online resource.