

# Year 5

## Spring 1 - 2020

### P.E

Invasion games  
Circuits  
  
Swimming

### Computing: Spreadsheets

- To use formulae within a spreadsheet to convert measurements of length and distance.
- To use the count tool to answer hypotheses about common letters in use.
- To use a spreadsheet to model a real-life problem
- To use formulae to calculate area and perimeter of shapes.
- To learn to create formulae that use text variables. Calculate how many days in x amount of years.
- To use a spreadsheet to help plan a school cake sale.

### Science – Material world

- To identify the properties of a range of materials and explain their uses.
- To plan comparative or fair tests and then take accurate measurements and make accurate observations.
- To explore making and separating mixtures.
- To use relevant scientific language to explain their ideas.
- To classify changes as reversible or irreversible.
- To report and present findings from enquiries.

### Maths:

Fractions and decimals

- To identify, name and write equivalent fractions of tenths and hundredths
- To compare and order fractions
- To read and write fractions as decimal numbers
- To recognize and use thousandths and relate them to tenths, hundredths and decimal equivalents
- To compare and order decimals and fractions
- To recognize mixed numbers and improper fractions
- To solve problems involving fractions and division

Angles

- To classify, compare and order acute, obtuse and reflex angles
- To use a protractor to measure acute and obtuse angles

### DT - Electrical systems

Apply their understanding of computing to program, monitor and control their products by understanding what floor robots are and how they are programmed and controlled. To be able to program and control floor robots.

### PSHE: Going for Goals

- To be able to set goals and decide how to achieve them.
- To know how to live a healthy life.

**English:** Our focus for this half term will be the following text, following Talk for Writing strategies and daily grammar and punctuation tasks.

- Mythical stories, based on the Greek myth 'Icarus'

### RE – Justice

To make links between their own values and those of others and to explain how their values affect their behaviour and decisions.

To understand how faith affects the moral decisions a believer makes. Describe similarities between different religious teachings on justice.

### History – What did the Greeks do for us?

- To know and understand significant aspects of the history of the wider world, including the nature of ancient civilisations
- To study Ancient Greek life and achievements, and their influence on the western world
- To learn about the legacy of Greek culture and the impact of this legacy on later periods in British history, including the present day
- To understand the methods of historical enquiry, including how evidence is used rigorously to make historical claims.

### Music

#### **Make You Feel My Love**

Listen and Appraise the song Make You Feel My Love and other Pop Ballads.

Musical Activities

Perform the Song