

# Year 3 and 4 Spring Term Curriculum Overview

## History

### How have our homes changed over time?

- Know how the telephone changed people's lives and know how they changed over time.
- Know how televisions changed people's lives and know how they changed over time.
- Recognize artefacts used in the home during Victorian times.
- Know how we have adapted the way we use outside space over time.
- Know about the impact that technology has had on our home life.

## Computing

- Internet Safety

### Logo

- Learn common commands and constructs of the Logo programming language.
- Develop their ability to compose algorithms for drawing mathematical structures and turn these into Logo code.

### Animation

- To create simple and more complex animations.

## Design and Technology

### Food Technology:

**Design, prepare and make a small flavoured decorated cup cake.**

**Design, prepare and make a vegetable stir fry.**

- Evaluate items made.
- Use tools safely and understand basic food hygiene.
- Understand and apply principles of a healthy lifestyle.
- Explore seasonality in choosing which vegetables to use.

## French

### Around the World

- Learning names of different countries
- Describing where they live

### Healthy Lifestyles

- Learning how to talk about sports they like and dislike
- Healthy eating

## RE

### Worship

- Exploring different forms of worship within Christianity.

### Why do Christians call the day Jesus died Good Friday?

- Looking at the themes of death and resurrection within the Easter Story.

## English

### Writing:

The children will focus on writing narratives, poetry, non-chronological reports, formal and informal letters and diary extracts.

### Spelling:

Children will continue to be taught new rules using the scheme from Spelling Shed.

### Punctuation and Grammar:

- Fronted adverbials
- Using the correct form of 'a' or 'an'
- Apostrophes for possession
- Subordinating conjunctions
- Determiners
- Using nouns and pronouns appropriately for clarity and cohesion
- Prepositions and prepositional phrases
- Present perfect form of verbs

## Geography

### Renewable Energy and Climate Change

- Know about some of the human features related to the UK, e.g., industry and environment
- Know about the importance of power in our lives
- Know why it is important to source a more environmentally friendly source of energy
- Know that climate and physical features have an important part to play when considering where and how people live
- Know why towns are located near sources of water.

## PE

PE will be taught by coaches from CUFC on a Thursday. Gymnastics will be taught by me every Wednesday. Then tennis will be taught tennis after half term.

## Science

### States of matter: solids, liquids and gases

- Know how the same materials can change in state
- Know the temperature at which water boils and freezes
- Know which materials, other than water, change state
- Know the difference between solid, liquid and gas
- Know the terms condensation and evaporation and know what they mean

## Maths

### Year 3:

- Fractions
- Counting up and down in tenths
- Adding and subtracting fractions
- Compare and order unit fractions and fractions with the same denominators.
- To name 2D and 3D shapes and recognise their properties.
- To compare shapes according to their properties.
- To be able to draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them.
- To be able to identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
- Angles
- To tell and write the time from an analogue clock, including using Roman numerals from I to XII.
- To be able to tell and read the time from 12-hour and 24-hour clocks.
- To be able to measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml).
- To be able to calculate the perimeter of squares and rectangles by counting the squares.

### Year 4:

- Fractions
- To recognise and write decimal equivalents of any number of tenths and hundredths.
- To recognise and write decimal equivalents to  $\frac{1}{4}$ ;  $\frac{3}{4}$
- To find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths and hundredths.
- To round decimals with one decimal place to the nearest whole number.
- To compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.
- To identify lines of symmetry in 2D shapes presented in different orientations.
- To identify acute and obtuse angles and compare and order angles up to two right angles by size.
- To tell and write the time from an analogue clock, including using Roman numerals from I to XII.
- To be able to tell and read the time from 12-hour and 24-hour clocks.
- To convert between different units of measure.
- To calculate the perimeter and area of rectilinear shapes.

## PSHE

### Dreams and Goals

- How we can work towards achieving our goals and overcoming disappointment and obstacles along the way.

### Healthy Me

- Learning about the dangers of substances.