

## Maths

### Place Value (4 digit numbers)

- recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- count in multiples of 6, 7, 9, 25 and 1000
- identify, represent and estimate numbers using different representations
- count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
- find 1000 more or less than a given number
- order and compare numbers beyond 1000
- round any number to the nearest 10, 100 or 1000

### Addition and subtraction

- solve number and practical problems that involve all of the above and with increasingly large positive numbers
- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- estimate and use inverse operations to check answers to a calculation
- solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why

### Measure - area

### Multiplication and division

## Science

### States of Matter

- To compare and group materials together, according to whether they are solids, liquids or gases
- To observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- To identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

### Living Things and their Habitats

- To recognise that living things can be grouped in a variety of ways
- To explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- To recognise that environments can change and that this can sometimes pose dangers to living things.

## Art

### Drawing - Power Prints

Using mechanical engravings as a starting point, pupils develop an awareness of proportion, composition and pattern in drawing and combine media for effect when developing a drawing into a print.

## DT

### Mechanical system: Lever and linkages:

- understand and use mechanical systems in their products [levers and linkages]
- To research, design, make and evaluate.

## Geography

- Use fieldwork to observe, measure, record and present human and physical features in the local area using a range of methods, including sketch maps, plans, graphs and digital technologies.
- Use the eight points of a compass, four figure grid references, symbols and keys to build our knowledge of the United Kingdom and the wider world.
- Describe and understand key aspects of physical geography including rivers, mountains and the water cycle.
- Name and locate key topographical features (including hills, mountains, coasts and rivers) of the United Kingdom

History: Chronology of water sanitation and the modern toilet

Splash!

Where does all the water go?

Year 4

Autumn 2025



## PSHE

- To understand what PSHE is and how we can help everyone to learn effectively in these lessons
- To develop understanding of courtesy and manners in a range of situations
- To begin to understand the physical and emotional boundaries in friendships
- To understand that my behaviour can have an impact on others
- To understand the impact of bullying and the responsibility of bystanders to help
- To explore stereotypes in fictional characters and think about how these might influence us
- To recognise that stereotypes can relate to a number of factors
- To begin to understand that families are very varied, in this country and across the world
- To explore how we can help following a bereavement

## P.E

To play competitive games, modified where appropriate [cricket, rounders and tennis], and apply basic principles suitable for attacking and defending.  
To develop flexibility, strength, technique, control and balance [through athletics]

## R.E

What is peace?

Why is Jesus described as the light of the world?

## English

### Rhythm of the rain

- Setting narrative
- Information text on rivers
- Outsider narrative
- Information report

I can use capital letters and full stops to show where sentences start and end

I can use description in my writing e.g. the blue butterfly, plain flour, the man in the moon

I can use these words in my writing: when, if, that, because, or, but

I can write capital letters and numbers the right way up, the correct size relative to each other and lower case letters

I can use commas when I am writing a list

I can check my work by reading it through to make sure it makes sense and that I have used the right verbs to indicate time

I can use question marks and exclamation marks

I can check my work by reading it through to make sure it makes sense and that I have used the right verbs to indicate time

I can tell if a sentence is a question, command, exclamation or a statement

I can proofread my work and check for spelling, punctuation and grammar errors

I can use fronted adverbials and prepositions.

## Computing

### Photo editing

- I can change digital images
- I can change the composition of images
- I can change images for different users
- I can retouch images
- I can make an evaluate a publication

## Music

Love Music Trust - weekly woodwind instrument tuition

## French

### Unit A: Animals

- Saying animal vocabulary
- Asking about pets
- Describing animals using adjectives
- Using prepositions
- Naming animal homes