

## 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

## Geography/ History

- 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

## English

### Rhythm of the rain

- Setting narrative
- Information text on rivers

### Leaf By Sandra Dieckmann

- 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.

## 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

### Forces and Magnets

- compare how things move on different surfaces
- notice that some forces need contact between 2 objects, but magnetic forces can act at a distance
- observe how magnets attract or repel each other and attract some materials and not others
- compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- describe magnets as having 2 poles
- predict whether 2 magnets will attract or repel each other, depending on which poles are facing

## Art

### Monet

- Create original pieces that are influenced by studies of others.
- Replicate some of the techniques used by notable artists, artisans and designers.
- weaving

## DT

### Mechanical system: Lever and linkages:

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

Splash!  
Where does all the water go?  
Year 4  
Autumn 2023



## RSE

### PSHCE

Wellbeing - Wellbeing Wednesday  
My Happy Mind - Meet your brain; Celebrate

## 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 - Brass instruments

## 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

### Walk through the Bible

### What did Jesus teach about forgiveness?

Explain how the Bible is used in the local Church by Christians for guidance, devotion, and inspiration.

Compare and contrast different Christian places of worship.

Describe and explain how Christians live their life as disciples.

## French Playtime

- Basic commands (imperatives)
- Saying what's in the playground
- How to say a variety of playground games
- Using "j'aime" with another verb
- Saying what and where they like to play