

# Curriculum Overview for Year 4

## English

### Writing

Plan their writing by:  
Discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar.  
Discussing and recording ideas in non-narrative material, using simple organisational devices.  
Organising paragraphs around a theme.  
Draft and write by:  
Composing and rehearsing sentences orally (including dialogue).  
Progressively building a varied and rich vocabulary and an increasing range of sentence structures.  
Organising paragraphs around a theme in narratives, creating settings.  
Evaluate and edit by:  
Assessing the effectiveness of their own and others' writing and suggesting improvements.  
Proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences.

### Reading

Apply their growing knowledge of root words.  
Prefixes and suffixes (etymology and morphology).  
Read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word. Using dictionaries to check the meaning of words that they have read.  
Reading books that are structured in different ways and reading for a range of purposes.  
Retrieve and record information from non-fiction books.

## ILP- ALL ABOARD!

Welcome aboard some of the most famous locomotives and discover why, when, and how they were built. Meet the likes of James Watt, Matthew Boulton and George Stephenson as we carry out a local study and travel around Great Britain.

## History (ILP)

To describe how the first trains and railways were developed and compose a timeline of important events in the history of rail travel.

To explain why some steam locomotives are historically significant, say how and why steam locomotives changed over time and describe the similarities and differences of different steam locomotives.

## Mathematics

Find 1000 more or less than a given number.  
Order and compare numbers beyond 1000.  
Identify, represent and estimate numbers using different representations.  
Recognise the place value of each digit in a four-digit number (1000s, 100s, 10s, and 1s).  
Count backwards through 0 to include negative numbers.  
Round any number to the nearest 10, 100 or 1000.  
Solve number and practical problems that involve all of the above and with increasingly large positive numbers.  
Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value.  
Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.  
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.  
Recall multiplication and division facts for multiplication tables up to  $12 \times 12$ .

## Art (ILP)

To improve their mastery of art and design techniques including drawing, painting and sculpture with a range of materials.  
Create sketch books to record their observations and use them to review and revisit ideas.  
I can identify different features within a piece of artwork and explain what the artist was trying to tell us about life on the railways in the past.

## Music

- Begin to develop understanding of history
- Use voice & instruments with increasing accuracy, control and expression
- Listen and appraise music

## PE

- To perform balances with control
- To practise and refine their performance
- To describe their own and others' work, making simple judgements about the quality of performances and suggesting ways they could be improved
- to develop the range of actions, body shapes and balances they include in a performance
- to use compositional devices when creating their sequences, such as changes in speed, level and direction
- to describe their own and others' work, making simple judgements about the quality of performances and suggesting ways they could be improved

## RE

### Hinduism

To understand the values of Hinduism.

### 9 Habits

Children to reflect on who they are using the Oasis 9 Habits. Hopeful, joyful, compassionate, considerate, forgiving, humble, honest, self-control and patience.

## Science

Ask relevant questions and use different types of scientific enquiries to answer them.  
Identify difference, similarities or change related to simple scientific ideas and processes.  
Make systematic and careful observations.  
Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts and tables.  
Use straightforward scientific evidence to answer questions or support findings.  
Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.  
Recognise that environments can change and that this can sometimes pose dangers to living things.

## PSHE and Citizenship

To know how attitudes and actions affect self and others.  
To understand how democracy and having a voice benefits the school community.  
To know how good it feels to be included in a group and how it feels to be excluded.  
To understand how rewards and consequences motivate people's behavior.

## Design and Technology (ILP)

Use research and develop design criteria to inform the design of the innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.

## Geography

Study a local area  
Use atlases to discover the location of main cities and past and present railways