



Investigations

Children will be conducting their own experiments for example crystal making, magnetism, colour mixing, water hardness and chemical reactions. They will be asking relevant questions and using different types of scientific enquiries to answer them. This will include:

- setting up simple practical experiments and forming comparative and fair tests
- taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
- gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- identifying differences, similarities or changes related to simple scientific ideas and processes

English

Our books this term are: *Kindlekrax*, by Philip Ridley and *A Walk around London*, by Salvatore Rubbino.

These books will support us to:

- Sustain conversation, explain or give reasons for their views or choices
- Follow up others' points and show whether they agree or disagree in whole-class discussion
- Organise text into paragraphs to distinguish between different information, events or processes
- Use adverbs and conjunctions to establish cohesion within paragraphs
- Clarify meaning and point of view by using varied sentence structure (phrases, clauses and adverbials)
- Use commas to mark clauses, and use the apostrophe for possession
- Write non-narrative texts using structures of different text-types
- Select and use a range of technical and descriptive vocabulary
- Use layout, format graphics and illustrations for different purposes
- Compose sentences using adjectives, verbs and nouns for precision, clarity and impact

Mathematics

Multiplication

Year 3 • Multiply 2-digits by 1-digit Multiply 2-digits by 1-digit

Year 4 Written methods • Multiply 2-digits by 1-digit • Multiply 3-digits by 1-digit

Division

Year 3 • Divide 2-digits by 1-digit (1) Divide 2-digits by 1-digit (2) Divide 2-digits by 1-digit (3)

Year 4 (Spr B1) Divide 2-digits by 1-digit (1) Divide 2-digits by 1-digit (2) Divide 3-digits by 1-digit

Measure length

Equivalent lengths- m & cm

Equivalent lengths – mm & cm

Compare lengths Year 4 • Kilometres

Measure perimeter

Calculate perimeter Perimeter on a grid •

Perimeter of a rectangle • Perimeter of rectilinear shapes

<p style="text-align: center;"><u>Humanities</u></p> <ul style="list-style-type: none"> • History of the great British Railway including the underground and the voice behind “mind the gap” • Barrow boy v Banker. Using drama to experience the differences and developing entrepreneurial skills. • Order, Order! The Royal family- should we have one? What are the alternatives? What benefit are the Royals to our county? • City V Country side air quality. Does this effect honey, and home grown produce? • Map reading 	<p style="text-align: center;"><u>Topic</u></p> 	<p style="text-align: center;"><u>Creative Arts</u></p> <ul style="list-style-type: none"> • Using pastels, design street art in the style of Banksy. • Using recycled materials to form sculptures of famous London landmarks. • Tourism- design a persuasive poster for a West End show
<p style="text-align: center;"><u>PE and Games</u></p> <ul style="list-style-type: none"> • Perform dances using a range of movement patterns • Design a dance routine • Observe a west end musical and perform a set routine. • Evaluate their own performance and comment on improvements • Explore and create characters 	<p style="text-align: center;"><u>RE, PSHE and Citizenship</u></p> <p>RE: Islam</p> <ul style="list-style-type: none"> • Children study the Five Pillars of Islam, some main differences between Sunnis and Shiahs, the life of Muhammed [PBUH], the Qur'an and Arabesque • How do Muslim beliefs differ from my own, what are my 'five pillars'? <p>PHSE: Living in the wider world. How time and sleep affects us.</p>	<p style="text-align: center;"><u>Computing</u></p> <ul style="list-style-type: none"> • Choose a variety of software to accomplish a set task. • Select, use and combine internet services. • Analyse and evaluate the information I find. • Collect and present data.