

## Maths:

### Multiplication & Division:

To recall multiplication and division facts for 3, 4 and 8 times tables, extending to 12x12  
To write and calculate mathematical statements for multiplication and divide using the times tables they know.  
To solve problems including missing number problems involving times and divide.

### Measurement:

To measure, compare, add & subtract:  
Length: m/cm/mm  
Mass: kg/g  
Volume/Capacity: l/ml  
To measure the perimeter of simple 2D shapes.  
To compare the duration of events, e.g. time taken to do particular tasks.  
To know the number of seconds in 1 minute and number of days in each month.  
To estimate and read time with increasing accuracy, to the nearest minute.

### Shape:

To name and describe 2D and 3D shapes.  
To draw and make 2D and 3D shapes using paper and modelling materials.  
To identify horizontal and vertical lines, and pairs of perpendicular and parallel lines.

## Geography:

To name and locate counties and cities in the UK; identifying human and physical characteristics.  
To use fieldwork to observe, measure, record and present human & physical features of the local area, using sketches, maps, plans, graphs & photographs  
Activities: designing a communal garden in London; create 2D & 3D town plans; locating places/areas on maps using co-ordinates;

## Design Technology:

To create 3D shapes using a 'net' to make a 3D town plan for the rebuilding of London following The Great Fire of London.  
To design and make buildings and structures from sketches and plans using scissors, card, paper, etc.  
To investigate how to strengthen, stiffen & reinforce structures.  
Cooking:  
To learn about food eaten in the 17<sup>th</sup> Century – how healthy/unhealthy was it?  
Make bread using yeast. – compare with homemade bread of today.

## History:

To study an aspect of British History: The Great Fire of London 1666.  
Activities: exploring the evidence of the Fire of London; what was it like to live in 1666; how did the fire start; how did the fire get put out; retelling the story, eye witness accounts of the events, etc.

## Art:

To develop art techniques, including the control and use of a range of materials e.g. sketching pencils, charcoal, pastels & paint  
To improve the mastery of art & design techniques using drawing, painting & sculpture  
To find out about famous architects e.g. Christopher Wren  
Activities: fire paintings; sketches; prints; designs

## Music:

To use voices to sing and play untuned instruments musically, with increasing confidence and control.  
To create own musical compositions related to the fire of London rebuilding.  
Sing songs such as London's Burning as a round/canon & with ostinato  
Year 4 – learn to play the Ukelele (with Alice Hood)



## Town Planners

## ICT:

To use technology safely, respectfully and responsibly  
To use the computer keypad with increasing confidence  
To create content on computers e.g. using 'WORD' or 'POWERPOINT' programs for word processing.  
To use 'search' technologies effectively to find information using I-pads and apple computers,

## RE:

To explore the beliefs of the Christian/Catholic faith.

## Science:

To ask relevant questions using scientific enquiries to answer them.  
To make systematic and careful observations; taking accurate measurements using a range of equipment, e.g. thermometer  
To record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts & tables.  
To report on findings from enquiries  
To compare and group materials according to whether they are solid, liquid or gas.  
To observe changes of state when materials are heated or cooled.

## PE:

Premier Sport: outdoor games skills – invasion games  
Becky – Outdoor games skills – dodgeball

SKILLS & ATTITUDES: co-operative and competitive play; throwing; catching; jumping and dodging

## English:

To develop a positive attitude to reading and understanding.  
To listen to and discuss a wide range of fiction, poetry, non-fiction and reference books.  
To read and understand a range of high frequency words and words relevant to our Mantle.  
Whilst reading, check for sense, make predictions and discuss their understanding.  
To use diagonal and horizontal strokes correctly needed to join letters when writing.  
To increase legibility, consistency and quality of writing  
To plan their writing – discussing and recording, drafting and redrafting their ideas, progressively building a varied and rich vocabulary, organising paragraphs around a theme.  
To write their own creative and imaginative stories, reading and checking it for correct spelling, punctuation and sense.  
To use the first 3 letters to find words in a dictionary to check the spelling and meaning of words.  
To use conjunctions such as and, but, however, if, when, because & although.  
To punctuate direct speech.  
To use the possessive apostrophe in regular and irregular plurals.  
**Class text:** The Great Fire Dogs  
**Non-fiction books:** The Fire of London; maps; plans; letters; dictionaries etc  
**Writing tasks:** key information; safety rules; company values; skills & expertise; interviews; questions; diary entries; news reports; sequencing events to report back to King Charles II; meeting notes; descriptions of plans created; labelling plans; story writing (chapters, paragraphs, spelling, punctuations & illustrations)