

Topic - London



Maths Learning across autumn term (White Rose scheme)

- Number: Place Value - 3 weeks
- Number: Addition & subtraction - 5 weeks
- Measurement: Money – 2 weeks
- Number: Multiplication & Division – 2 weeks

Number & calculation

- ❖ Create and use a timeline to show chronology of key events during Fire of London
- ❖ The Monument' has 311 steps. How many steps is half of this? Up and down these steps is how many steps? Up and down these steps twice is how many steps?
- ❖ It is reported that the Great Fire destroyed 84 churches – what is half of this number?  $\frac{1}{4}$  of this number?
- ❖ King Charles II was king during the reign of the Great Fire of London. His life is described as 1630 – 1685. How old was he when he died?  
King Charles II reigned for 25 years until 1685, when did he begin his reign?
- ❖ The Great Fire of London took place in 1066, how many years ago was this? The Great Fire took place from the 2nd September – 5<sup>th</sup> September, how many hours is this? St Paul's Cathedral was built between 1675 and 1720 – how long did it take to complete this landmark?

Position and Movement

- ❖ Use positional language to instruct a partner how to travel around London using a tube map. Plan a journey
- ❖ Create own maps and streets of the Great Fire of London to recall events in order
- ❖ Use Beebot to direct each other around famous landmarks in London
- ❖ Identify symmetry in images of famous London buildings

Data collection

- ❖ Record time it takes for materials to burn and plot on a graph  
Read and interpret graph

Shape

- ❖ Show images of London. What shapes can you see? Can you make a representation using 2D/3D shapes?

Measurement

- ❖ The setting is the bakery in Pudding Lane and the children assume the role of Thomas Farriner, the baker. The children are given bakery recipes, ingredients and equipment, with minimal adult support they have to choose the best equipment for the baking task, select all the correct ingredients and make soda bread and rock cakes. The children measure accurately and are required to double quantities of whole numbers and fractions. They work with a range of measures; temperature, weight, capacity and time. The soda bread is tasted, toppings added, surveyed and a taste tally made into a bar chart. Questions comparing data are investigated.
- ❖ Use maths carefully in e.g. designing and making a fire engine (DT) and/or creating scaled model of London 1066 (later to be burnt)
- ❖ Read clocks and match clocks to specific times on the day the Great Fire started
- ❖ Time how long it takes for materials to change when heated or cooled and link to the houses in 1666.
- ❖ The Tower of London has a height of 27metres – how many cm is this? How many mm? The River Thames is 346km long – how many metres is this? 'The Monument' is 62 metres tall. How many centimetres is this?

