The Minster Nursery and Infant and School
We care, School of Inspiration
Determination Honour Believe

Year Two Term: Autumn Term, 2nd half term 2017 **Topic Title**: What was life like in London during the Great Fire and the Plague?/Christmas

MATHEMATICS

Number and Place Value

Pupils will be taught to:

- Count in steps of 2, 3, and 5 from 0, and in tens from any number forward and backward.
- Recognise odd and even numbers to 100, explain how they know a number is odd or even.
- Recognise the place value of each digit in a two digit number (tens and ones)
- Compare and order numbers from 0 to 100; use <, > and = signs.
- Use place value and number facts to solve addition, subtraction calculations and simple worded problems linked to work on money and giving change

Number: Addition and Subtraction

Pupils will be taught to:

Solve problems with addition and subtraction by:

- Using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
- Applying their increasing knowledge of mental and written methods.
- Recalling and using addition and subtraction facts to 10 fluently e.g. 7 + 3 = 10, 10 – 3 = 7 etc.
- Relating number facts to 10 to adding and subtracting multiples of 10 within 100 e.g. 6 + 4 = 10, 60 + 40 = 100
- Recalling addition and subtraction facts to 20 e.g. 18 + 2 = 20, 20 – 17 = 3

Adding and subtracting numbers mentally, including:

- a 2 digit number and 1s e.g. 32 + 5 = or 45 – 3 =
- a 2 digit number and 10s e.g. 32 + 20 = or 45 – 30 =
- 2 simple, 2 digit numbers (not bridging 10) eg 25 + 23 = or 37 – 24 =
- adding 3 single digit numbers eg 7 + 5 + 3 =

Know that addition of 2 or more numbers can be done in any order but subtraction cannot e.g. 9 + 3 + 1 = 13, 3 + 1 + 9 = 13

Recognise and use the inverse relationship between addition and subtraction and use this to check calculations e.g. 26 + 12 = 38, 38 – 12 = 26

Number: Fractions

Pupils will be taught to

- recognise, find, name and write fractions 1/3, ¼,2/4 and ¾ of a length, shape, set of objects or quantity
- write simple fractions eg ½ of 6 = 3 and recognise the equivalence of 2/4 and 1/2

Measurement (including money)

- Choose and use appropriate standard units to estimate and measure length and height in any direction (m/cm); mass or weight (kg/g); temperature (◦C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
- Use appropriate vocabulary to describe work eg long/short, tall/short, longer/shorter, double/ half, heavy/light, heavier/lighter, full/empty, more than, less than etc.
- Compare and order lengths, mass, volume/capacity and record the results using <, > and =
- Recognise and use symbols pounds (£) and pence (p); combine amounts to make a particular value.
- Find different combinations of coins that equal the same amounts of money.
- Solve simple problems in a practical context involving addition and subtraction of money, including giving change.
- Compare and sequence intervals of time.
- Tell and write the time to five minutes, including quarter past/to the hour and draw hands on a clock face to show these times.
- Use appropriate vocabulary of time eg quicker, slower, earlier, later
- Know the number of minutes in an hour and the number of hours in a day.