

An overview of our Maths throughout the year



Year 1

- count, read and write numerals to 100
- 1 more or less than a given number to 100
- begin to know place value in numbers beyond 20

- number bonds within 20
- add and subtract one-digit and two-digit numbers to 20
- adding and subtracting zero
- use the terms: put together, add, altogether, total, take away, distance between, difference between, more than and less than to develop the concept of addition and subtraction

- counting in twos, fives and tens
- multiplication and division problems using concrete objects and arrays (grouping and sharing)
- finding halves and quarters of objects, numbers and quantities

- move from measuring using non-standard units to common standard units
- recognise and know value of coins and notes
- tell the time to the hour and half past the hour

- recognise and name common 2-D and 3-D shapes, e.g. rectangles (including squares), circles and triangles, cuboids (including cubes), pyramids and spheres
- describe position, directions and movements - *make whole, half, quarter and three-quarter turns*

- solve number problems and practical problems involving these ideas

This Autumn term we will be learning:

- To count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
- To count, read and write numbers to 100 in numerals, count in multiples of twos, fives and tens.
- To add and subtract one-digit and two-digit numbers to 20, including zero.
- To solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$
- To recognise and name common 2D and 3D shapes, including: 2D shapes (rectangles (including squares), circles and triangles) and 3D shapes (cuboids (including cubes), pyramids and spheres).
- To compare, describe and solve practical problems for: lengths and heights (long/short, longer/shorter, tall/short, double/half), mass or weight (heavy/light, heavier than, lighter than)
- To recognise and know the value of different denominations of coins and notes.

This is how you can help:

- **Shape** - Ask your child - what shape is this plate, this mirror, bath mat, window and so on. Ask them how they know. E.g. It's got four equal sides, It's got 2 long and 2 short sides.
- **Mass / weight** - Choose items from your food cupboards, ask your child to sort heavier and lighter items, check by reading the weights on the packets.
- **Number** - Play dice board games, count door numbers, asking what would be 1 more? 1 less? Spot the pattern of counting up in 2's e.g. 2,4,6,8 etc and 1,3,5,7 etc.