


Shape

- Recognise and name 2D shapes (circle, square, rectangle, triangle, hexagon, pentagon, octagon)
- Recognise and name 3D shapes (cube, cuboid, cylinder, cone, pyramid, sphere, triangular prism)
- Know the number of sides and vertices (corners) of 2D shapes
- Know the number of edges, vertices and faces of 3D shapes
- Be able to colour $\frac{1}{2}$ or $\frac{1}{4}$, of a regular shape

- Understand reflective symmetry

Mathematical Language and Symbols

- + add, plus, and, total, altogether
 - - take away, subtract, minus, left
 - x multiply, times, lots of, groups of
 - \div divide by, share, equal groups of
- ### Units of Measurement
- Centimetres (cm) used to measure the length of small objects, short distances
 - Metres (m) used to measure bigger objects, longer distances
 - 100 centimetres = 1 metre
 - Grams (g) and Kilograms (kg) used to measure weight/mass
 - Millilitres (ml) and Litres (l) used to measure capacity (liquids)

Here are some mathematical terms your child can practise at home.

It would help your child if they were able to talk about these with you and think about opportunities when they might use them outside of school.

Time

- 60 seconds = 1 minute
- 60 minutes = 1 hour
- 24 hours = 1 day
- 7 days = 1 week
- 12 months = 1 year
- 52 weeks = 1 year
- 365 days = 1 year
- Order of days in the week
- Order of months in the year
- Tell the time (o'clock and half past)
- Say what time is 1 hour later, $\frac{1}{2}$ hour later

Number

- Number bonds to 10 (5+5, 6+4, 7+3 etc) and also know how this relates to bigger numbers e.g. 7+3, 17+3, 27+3
- Identify multiples of 2, 3, 5 and 10
- Identify odd and even numbers
- Doubling – know by heart (1+1=2, 2+2=4, 3+3=6, 4+4=8, 5+5=10, 6+6=12, 7+7=14, 8+8=16, 9+9=18, 10+10=20)
- Halving – know by heart (the opposite of doubling-see above)
- Place value - understand the value of each digit in two digit and three digit numbers e.g. the 5 in 53 is 50.
- Adding and multiplication makes the number get bigger
- Subtraction and division makes the number get smaller