

Number

- Count in 2s, 3s and 5s from 0 and in 10s from any number, forward and backward
- Recognise the number of 10s and 1s in a two digit number
- Estimate numbers including number of objects
- Compare and order numbers from 0 to 100 and use the < (less than) and > (greater than) signs
- Read and write numbers to at least 100 in numerals and in words
- Partition numbers in different ways e.g. $23=20+3$ and $23=10+13$ and $10+13=23$
- Solve problems using number facts

Addition and subtraction

- Solve addition and subtraction problems using objects and pictures involving numbers, quantities and measures
- Solve problems using mental and written methods
- Recall and use addition and subtraction facts to 20 and use to derive related facts to 100 (for example, $4+6=10$; $10-4=6$ to calculate $40+60=100$; $100-70=30$)
- Add and subtract a two-digit number and a one-digit number; a two-digit number and a multiple of 10, 2 two-digit numbers, adding 3 one-digit numbers
- Recognise and use the inverse relationship between addition and subtraction (for example, $7+6=13$ so $13-7=6$)

Position and direction

- Order and arrange objects, including shapes, in patterns and sequences
- Describe position, direction and movement including right angles for quarter and three-quarter turns as well as clockwise and anti-clockwise

Multiplication and division

- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables
- Recognise odd and even numbers
- Use \times , \div and $=$ signs to write number sentences
- Calculate multiplication and division within the multiplication tables
- Multiply using grouping, arrays and repeated addition
- Divide using grouping, sharing and repeated subtraction
- Solve multiplication and division problems using materials, arrays, repeated addition, mental methods and multiplication facts

Shape

- Identify and describe the properties of 2D shapes (for example, number of sides and line of symmetry)
- Identify and describe the properties of 3D shapes (for example, number of edges, vertices and faces)
- Identify 2D shapes on the surface of 3D shapes (for example, a circle on a cylinder and a triangle on a pyramid)
- Compare and sort 2D and 3D shapes and everyday objects

Measurement

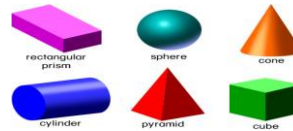
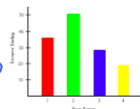
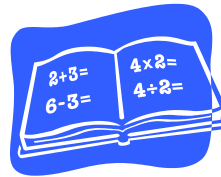
- Choose and use appropriate units to measure length/height (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (l/ml)
- Measure using rulers, scales, thermometers and measuring jugs
- Compare and order lengths, mass, volume/capacity and record using < (less than), > (greater than) and = (equals) signs
- Recognise and use symbols for pounds (£) and pence (p)
- Find different ways of making an amount of money
- Solve money problems including total amounts by counting and change
- Compare and sequence intervals of time
- Tell and write time to five minutes including quarter past/to the hour and draw the hands on a clock face to show these times as well as digital time
- Know the number of minutes in an hour and number of hours in a day

Statistics

- Interpret and draw simple pictograms, tally charts, block graphs and tables
- Answer questions by counting the number and reading the scales

Year 2

End of year expectations



Fraction

- Write simple fractions $\frac{1}{3}$, $\frac{1}{4}$, and use shapes, sets of objects or quantities to represent them
- Write simple fractions for example, $\frac{1}{2}$ of $6=3$
- Recognise equivalent fractions (for example, $\frac{2}{4}$ and $\frac{1}{2}$)
- Connect fractions to equal sharing and grouping
- Count in fractions up to 10 (for example, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2)