

## Year 3 and 4 Maths Yearly Overview



- count in 4s, 8s, 50s, 100s and tenths from zero
- read, write, compare and order numbers to at least 1000
- know the place value of each digit in three-digit numbers
- find 10 or 100 more or less than a given number

- add and subtract ones, tens and hundreds to or from three-digit numbers mentally, two two-digit numbers where the answers could exceed 100
- add and subtract three-digit numbers using formal written columnar methods
- tables and division facts for  $\times 3$ ,  $\times 4$  and  $\times 8$
- add and subtract fractions with the same denominator
- develop formal written multiplication and division methods for two-digit by one-digit numbers
- begin to understand unit and non-unit fractions as numbers on the number line, and deduce relations between them, such as size and equivalence

- measure the perimeter of simple shapes
- tell the time to the nearest minute using analogue clocks
- add and subtract amounts of money to give change, using both £ and p in practical contexts

- draw 2-D and make 3-D shapes
- recognise and describe 3-D shapes in different orientations
- recognise that angles are a property of shape or a description of a turn, using right angles as a marker
- horizontal and vertical lines and pairs of perpendicular and parallel lines

- understand and use simple scales (e.g. 2,5,10 units per cm) in pictograms and bar charts

- **solve number problems and practical problems involving these ideas**



- count in 6s, 7s, 9s, 25s, 1000s and hundredths; count backwards through zero to include negative numbers
- read, write, compare, order and know place value of numbers to at least 10000 and numbers with the same number of decimal places up to two decimal place
- round any number to the nearest 10, 100 or 1000 and decimals with 1 decimal place to the nearest whole number
- add and subtract up to four-digit numbers mentally and using formal written columnar methods
- tables and division facts  $12 \times 12$ , including 0 and 1
- multiply three numbers
- multiply two and three-digit numbers by a one-digit number using formal written layout
- dividing a one or two-digit number by 10 and 100, identifying value of digits
- add and subtract fractions with the same denominator

- measure and calculate perimeter of rectilinear shapes in metres and centimetres
- find the area of rectilinear shapes by counting squares
- read, write and convert time between analogue and digital 12 and 24-hour clocks
- conversion between units of measure

- sorting and classifying quadrilateral and triangles
- identify lines of symmetry in 2-D shapes presented in different orientations
- identify acute and obtuse angles and compare and order angles up to two right angles by size
- description positions and translations (movement) within the first quadrant

- **solve number problems and practical problems involving these ideas**

### Throughout the year the following key topics will be covered in maths:-

Number and Place Value  
Addition and Subtraction / Multiplication and Division  
Fractions (including decimals and percentages)  
Measures  
Geometry: properties of shape and direction and position  
Statistics

