OVERVIEW

This the year in which many concepts, introduced in earlier years, are developed and extended. It is crucial that students should be familiar with these concepts and facts; revision in the first few weeks of this year might be necessary to reinforce topics covered earlier.

At the start of Year 4, we expect students to be confident with

- number bonds up to 20
- multiplication tables up to $10 \times 10$
- use of whole numbers up to 1000
- fractions and finding fractions of simple quantities
- the use of divisors, factors and multiples
- the concept of negative numbers in context (e.g. sea level)
- rounding numbers to the nearest 10 or 100
- calculating using money (£ and p), length (km, m, cm), weight (kg, g), capacity (l, cl, ml) and times (minutes, hours, days weeks, months and years)
- understanding and using the 24-hour clock
- names and properties of 2D shapes (triangle, quadrilateral, rectangle, square, pentagon, hexagon, octagon) and 3D shapes (sphere, cube and cuboid)
- calculating the perimeter and area of simple shapes (e.g. rectangles)
- understanding and using reflections and enlargements
- the use of bar charts and pictograms to illustrate data.