Mathematics Enhancement Programme
TEACHING SUPPORT: Year 3

LEARNING OBJECTIVES

At the end of Year 3 we expect students to

- *use numbers up to thousands with confidence*

- *have instant recall of multiplication facts up to* 10×10

- *understand and calculate half, quarters, thirds, eights, etc. of simple quantities, including time*

- *understand the concept of negative numbers in context*

- *round numbers to the nearest 10 or 100*

- *use units of money (£ and p), length (km, m, cm), weight (kg, g), capacity (l, cl, ml) and time (seconds, minutes, hours, days, weeks, months, years)*

- *understand the 24-hour clock*

- *understand and use divisors, factors and multiples*

- *know the names and properties of familiar shapes (points, lines, triangles, quadrilaterals, rectangles, squares, spheres, cubes and cuboids)*

- *calculate the perimeter and area of simple shapes (rectangles)*

- *understand and use reflections and enlargements*

- *use bar charts and pictograms to illustrate data*

- *recognise the need for brackets in complex calculations.*