Maths Year 10 Foundation Learning Intentions

Learning Intentions Summer Term 1   2024-2025

	LESSON 1	LESSON 2	LESSON 3	LESSON 4
WEEK 28 wc 21st April	Bank Holiday	• Work out the perimeter and area of triangles and rectangles. • Multiplying and dividing by powers of 10, converting between millimetres, centimetres and metres.	• Calculate the perimeter and area of parallelograms and triangles. • Estimate lengths, areas and costs.	• Calculate the area and perimeter of trapezia. • Find the height of a trapezium given its area.
WEEK 29 wc 28th April	• Convert between area measures.	• Calculate the perimeter and area of compound shapes made from triangles and rectangles.	• Calculate the surface area of a cuboid.	• Calculate the surface area of a prism.
WEEK 30 wc 5th May	Bank Holiday	• Calculate the volume of a cuboid.	• Calculate the volume of a prism.	• Solve problems involving surface area and volume.
WEEK 31 wc 12th May	• Convert between measures of volume.	• Unit 8: Check, Strengthen & Extend. • Exam question practise	• Use ratio notation. • Write a ratio in its simplest form.	• Solve simple problems using ratios.
WEEK 32 wc 19th May	• Use ratios to convert between units.	• Write and use ratios for shapes and their enlargements.	• Divide a quantity into 2 parts in a given ratio. • Divide a quantity into 3 parts in a given ratio.	• Solve word problems using ratios.