

Y8 Curriculum Map 2025 2026

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Autumn 1	Ratio and proportion							
	What is a ratio and how can we simplify it?	How do we divide quantities in a given ratio?	How can we use ratio to compare quantities?	What is proportion and how is it different from ratio?	How do we solve problems involving direct proportion?	How do we solve problems involving inverse proportion?	How can we use ratio and proportion in real-life?	
Autumn 2	Expressions and equations							
	What are algebraic expressions and how do we simplify them?	How do we expand and factorise expressions?	What are linear equations and how do we solve them?	How do we solve equations with brackets and fractions?	How do we form equations from word problems?	How do we solve problems involving perimeter and area using algebra?	How do we use algebra in real-life?	
Spring 1	Fractions, decimals and percentages							
	How do we convert between fractions, decimals and percentages?	How do we compare and order fractions, decimals and percentages?	How do we calculate percentages of amounts?	How do we increase and decrease by a percentage?	What is simple interest and how do we calculate it?	How do we apply FDP in real-life?		
Spring 2	Geometry							
	What are the different types of angles and how do we measure them?	How do we calculate angles on a straight line and around a point?	How do we calculate angles in triangles and quadrilaterals?	What are parallel lines and how do we calculate angles with them?	How do we use angles in real-life?			
Summer 1	Area and Volume							
	How do we calculate the area of compound shapes?	How do we calculate the area of triangles and parallelograms?	What is volume and how do we calculate it for cuboids?	How do we calculate surface area of 3D shapes?	How do we solve problems involving area and volume?	How do we apply area and volume in real-life?		
Summer 2	Data and Probability							
	How do we collect and represent data using tables and charts?	How do we interpret bar charts, pie charts and line graphs?	What are averages and how do we calculate them?	How do we calculate the range and interpret data?	What is probability and how do we calculate it?	How do we solve problems involving probability?	What have we learned and how can we consolidate our understanding?	What have we learned and how can we consolidate our understanding?