

## Year 8 Curriculum Content

Year 8 students will study the following units during the course of the year:

### Autumn Term

Unit 1 (Number Properties)	Factors, multiples, primes, indices, squares and cubes
Unit 2 (BIDMAS Negative Numbers)	BIDMAS with Negative Numbers
<b>Tri-Weekly 1 on Units 1 and 2</b>	
Unit 3 (Sequences)	Sequences
Unit 4 (Algebraic Expressions)	Simplifying expressions, brackets, factorising
<b>Tri-Weekly 2 on Units 3 and 4</b>	
Unit 5 (Angle Geometry)	Angles, triangles, quadrilaterals, regular polygons and parallel lines
<b>Tri-Weekly 3 on Unit 5</b>	
Unit 6 (Fraction/Percentage Operations)	Fractions and percentages calculations
<b>Tri-Weekly 4 on Unit 6</b>	
Unit 7 (Decimal Operations)	Calculating using decimals, rounding

### Spring Term

#### Year 8 Mid-Year Examination

Unit 8 (2D Measurement)	Units, perimeter, area (incl. circles)
<b>Tri-Weekly 5 on Unit 8</b>	
Unit 9 (Solving Equations)	Linear equations
Unit 10 (Linear Functions)	Plotting coordinates and linear graphs
<b>Tri-Weekly 6 on Units 9 and 10</b>	
Unit 11 (3D Shapes)	Volume and surface area of prisms
Unit 12 (Probability)	Probability
<b>Tri-Weekly 7 on Units 11 and 12</b>	

### Summer Term

#### Year 8 End of Year Examination

Unit 13 (Ratio, Proportion and Rates)	Ratio, Proportion and Speed
<b>Tri-Weekly 8 on Unit 13</b>	
Unit 14 (Transformations)	Transformations
Unit 15 (Data Handling)	Collecting, presenting and analysing data
<b>Tri-Weekly 9 on Units 14 and 15</b>	

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