

Year 8 Curriculum map

Autumn Term 1	Spring Term 1	Summer Term 1
1. Laws of Indices (6) Fractional/negative indices (PAH)	6. Sketching Graphs (10) Plotting linear graphs, $y = mx + c$, quadratic graphs (PAH)	11. Rearranging Formulae (6) Understanding inverse operations and its role in changing the subject.
2. Algebraic Thinking/Quadratics (6) Expanding and factorising, quadratics, DOTS, Substitution	7. Interior/Exterior Angles and Constructions (6) Interior and exterior angles, constructions	12. Trigonometry (10) Pythagoras' Theorem and Basic Trigonometry
3. Averages and Spread (6) Averages, frequency tables, grouped frequency tables (PAH)		
Autumn Term 2	Spring Term 2	Summer Term 2
4. Fractional thinking & Algebraic Fractions (6) Calculating with fractions and mixed numbers, simplifying and calculating with algebraic fractions	8. Probability and Tree Diagrams Theoretical probability, sample space diagrams, tree diagrams	13. Compound Measures (7) Speed-distance-time, Density-mass-volume
5. Forming and Solving Equations (6) Linear equations, equations with fractions, simultaneous equations (PAH)	9. Perimeter, Area and Volume (6) Area of compound shapes, Volume of prisms, circumference and area of circles	14. House Prices Project
	10. Standard Form (6) Multiplying/dividing by powers of ten, writing numbers and calculating in standard form	
Christmas Holidays	Easter Holidays	Summer Holidays