

2026 Year 9 Mathematics Standard Scope and Sequence

Term 1										
Week	1	2	3	4	5	6	7	8	9	10
Strand	Number and Algebra				Number and Algebra				Number and Algebra	
Chapter	1. Integers, decimals, fractions, ratios and rates				2. Financial mathematics				3. Expressions and equations	
Outcomes	• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • compares, orders and calculates with integers to solve problems (MA4-INT-C-01) • represents and operates with fractions, decimals and percentages to solve problems (MA4-FRC-C-01) • solves problems involving ratios and rates, and analyses distance–time graphs (MA4-RAT-C-01).				• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • solves financial problems involving simple interest, earning money and spending money (MA5-FIN-C-01).				• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • generalises number properties to operate with algebraic expressions including expansion and factorisation (MA4-ALG-C-01) • solves linear equations of up to 3 steps, limited to one algebraic fraction (MA5-EQU-C-01).	

Term 2										
Week	1	2	3	4	5	6	7	8	9	10
Strand	Number and Algebra		Measurement and Space				Number and Algebra			
Chapter	3. Expressions and equations		4. Right-angled triangles				5. Linear relationships			
Outcomes	• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • generalises number properties to operate with algebraic expressions including expansion and factorisation (MA4-ALG-C-01) • solves linear equations of up to 3 steps, limited to one algebraic fraction (MA5-EQU-C-01).		• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • applies Pythagoras' theorem to solve problems in various contexts (MA4-PYT-C-01) • applies trigonometric ratios to solve right-angled triangle problems (MA5-TRG-C-01).				• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • determines the midpoint, gradient and length of an interval, and graphs linear relationships, with and without digital tools (MA5-LIN-C-01) • graphs and interprets linear relationships using the gradient/slope-intercept form (MA5-LIN-C-02).			

Term 3										
Week	1	2	3	4	5	6	7	8	9	10
Strand	Measurement and Space				Number and Algebra				Measurement and Space	
Chapter	6. Length, area, surface area and volume				7. Indices				8. Properties of geometrical figures	
Outcomes	• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • applies knowledge of the perimeter of plane shapes and the circumference of circles to solve problems (MA4-LEN-C-01) • applies knowledge of area and composite area involving triangles, quadrilaterals and circles to solve problems (MA4-ARE-C-01) • solves problems involving the surface area of right prisms and practical problems involving the area of composite shapes and solids (MA5-ARE-C-01) • solves problems involving the volume of composite solids consisting of right prisms and cylinders (MA5-VOL-C-01).				• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • simplifies algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases (MA5-IND-C-01) • solves measurement problems by using scientific notation to represent numbers and rounding to a given number of significant figures (MA5-MAG-C-01).				• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • applies angle relationships to solve problems, including those related to transversals on sets of parallel lines (MA4-ANG-C-01) • identifies and applies the properties of triangles and quadrilaterals to solve problems (MA4-GEO-C-01) • identifies and applies the properties of similar figures and scale drawings to solve problems (MA5-GEO-C-01)	

Term 4										
Week	1	2	3	4	5	6	7	8	9	10
Strand	Measurement and Space		Number and Algebra				Statistics and Probability			
Chapter	8. Properties of geometrical figures		9. Quadratic expressions and algebraic fractions				10. Probability and data analysis			
Outcomes	• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • applies angle relationships to solve problems, including those related to transversals on sets of parallel lines (MA4-ANG-C-01) • identifies and applies the properties of triangles and quadrilaterals to solve problems (MA4-GEO-C-01) • identifies and applies the properties of similar figures and scale drawings to solve problems (MA5-GEO-C-01)		• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • simplifies algebraic fractions with numerical denominators and expands algebraic expressions (MA5-ALG-C-01).				• develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly (MAO-WM-01) • solves problems involving probabilities in multistage chance experiments and simulations (MA5-PRO-C-01) • compares and analyses datasets using summary statistics and graphical representations (MA5-DAT-C-01).			