Maths Curriculum Map 2026-2027

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Number sense Adding and subtracting Multiplying Dividing Calculating with negative numbers Order of operations	Expressions Substitution Solving equations Time Measures	Line and shape properties Perimeter Area Coordinates and shapes	Factors and multiples Primes Writing and comparing fractions Adding and subtracting fractions Single brackets	Angles Finding unknown angles Averages and range Tables and charts Collecting and presenting data Proportion word problems	Multiplying and dividing fractions Fractions of amounts Fractions, decimals and percentages Theoretical probability
Links		Benchmark 4 – real life formula SMSC – social development – time calendars and timetables				SMSC – social – meaning of bias and fair
8	Percentages of amounts Percentage change Calculating with money Index laws Solving equations	Term-to-term rules Position-to-term rules Ratio Scale diagrams	Significant figures Coordinates and midpoints Area and units Area and circumference	Standard form and ordinary numbers Venn diagrams Factors, multiples and primes Nets Surface area Volume	Plotting graphs and finding equations Transforming shapes Finding unknown angles Drawing and interpreting statistical diagrams	Linear inequalities Double brackets Fractions review Algebraic fractions Fractions and recurring decimals
Links	SMSC – Social/cultural working with money and best value			Benchmark 4 – plans and elevations within architecture/building		
9	Fractions, decimals and percentages review Percentage change	Factorising and solving quadratic equations Rearranging formulae	Error intervals Representations of 3D shapes	Plotting graphs and finding equations Speed and rates	Plotting and interpreting quadratic graphs Angles	Similarity Congruence Scatter graphs

	Theoretical and experimental probability Calculations with standard form Linear inequalities	Constructing bisectors and perpendicular lines Circles and cylinders	Pythagoras' theorem in 2D Ratio Proportion word problems	Distance-time graphs	Bearings Transforming shapes	Collecting and presenting data Grouped data Column vectors
Links	SMSC – social – meaning of bias and fair					
10 Foundation	Repeated percentage change Surface area Volume Linear simultaneous equations	Rearranging formulae Right-angled trigonometry Constructions and loci	Equations of linear graphs Plotting and interpreting real-life graphs Venn diagrams and set notation Independent and dependent events	Density and pressure Working with ratios and algebra Velocity-time graphs Cubic, reciprocal and exponential graphs	Arithmetic and geometric sequences Sampling Direct and inverse proportion Transforming shapes Error intervals	Index laws Expanding and factorising brackets Grouped data Drawing and interpreting statistical diagrams
10 Higher	Repeated percentage change Surface area Volume Linear simultaneous equations	Rearranging formulae Right-angled trigonometry Constructions and loci	Equations of linear graphs Plotting and interpreting real-life graphs Venn diagrams and set notation Independent and dependent events	Density and pressure Working with ratios and algebra Velocity-time graphs Cubic, reciprocal and exponential graphs	Quadratic and geometric sequences Sampling Direct and inverse proportion Transforming shapes Bounds	Index laws Fractions and recurring decimals Expanding and factorising brackets Cumulative frequency graphs Box plots
Links	SMSC – social - Compound interest with loans and mortgages		SMSC – social – real life graphs			
11 Foundation	HCF and LCM Fractions and mixed numbers Simplifying expressions	Finding unknown angles Pythagoras' theorem and trigonometry	Theoretical and experimental probability Linear inequalities Vector problems	Calculating with compound measures Working with ratios and algebra	Revision Exam practise	

	Solving equations Simultaneous equations	Surface area Volume Drawing and interpreting statistical diagrams	Percentage change	Proportion word problems Calculating with standard form Arithmetic and geometric sequences Equations of linear graphs		
Links		SMSC – social – scatter graphs and correlation	SMSC – social – meaning of bias and fair			
11 Higher	Calculating with surds Rationalising denominators Calculating with algebraic fractions Solving quadratic equations Simultaneous equations	Trigonometric ratios and graphs Non right-angled trigonometry 3D Pythagoras' theorem and trigonometry Circle theorems Histograms	Conditional probability Linear and quadratic inequalities Substituting into functions Finding composite and inverse functions Transforming graphs	Using iterative formulae Writing algebraic proofs Area and volume of similar shapes Vector proofs Writing geometric proofs Non-linear graphs	Revision Exam practise	
Links						