

National curriculum or specification coverage

Foundation Tier Coverage

Strand

Foundation topics

Number

Place value; ordering numbers; four operations; negative numbers; factors, multiples and primes; HCF and LCM; squares and cubes; roots; powers and indices; BIDMAS; fractions; decimals; percentages; converting between fractions, decimals and percentages; recurring decimals; estimation; approximation; rounding; bounds; standard form

Ratio, proportion & rates of change

Ratio notation; simplifying ratios; sharing in a ratio; comparing ratios; scale factors; direct proportion; percentages; percentage increase/decrease; reverse percentages; repeated percentage change; best buys; unitary method; rates; speed, distance and time; density; pressure; compound measures

Algebra

Algebraic notation; collecting like terms; substitution; simplifying expressions; expanding single brackets; factorising; algebraic formulae; changing the subject of simple formulae; linear equations; equations with brackets; inequalities; sequences; nth term of linear sequences

Graphs

Coordinates; plotting points; linear graphs; gradient; intercepts; equations of straight lines; real-life graphs; distance-time graphs; conversion graphs; interpreting graphs; quadratic graphs at a basic level

Geometry & measures

Angle facts; angles on a straight line; angles around a point; vertically opposite angles; parallel lines; angles in triangles and quadrilaterals; polygons; perimeter; area of rectangles, triangles, parallelograms and trapezia; circles; circumference; area of circles; volume; surface area; prisms; nets; units and conversions

Transformations & constructions

Reflection; rotation; translation; enlargement; scale factors; constructions; perpendicular bisectors; angle bisectors; loci; bearings

Pythagoras & trigonometry

Pythagoras' theorem; finding missing sides in right-angled triangles; basic SOHCAHTOA; finding missing sides; finding missing angles

Probability

Probability scale; probability from tables; experimental probability; relative frequency; sample spaces; mutually exclusive events; simple tree diagrams; expected frequency

Statistics

Types of data; sampling; frequency tables; two-way tables; pictograms; bar charts; pie charts; line graphs; stem-and-leaf diagrams; averages; range; comparing data sets; scatter graphs; correlation

Financial maths

Money calculations; profit and loss; wages; bills; best buys; simple interest; compound interest; depreciation; tax; exchange rates

Problem solving & reasoning

Multi-step problems; mathematical reasoning; interpreting information; checking solutions; choosing appropriate methods; solving problems in context; using calculators effectively

Year 11 Long Term Scheme of Learning 2026-2027

Subject: Maths (Foundation)

Date	Exams/ Assessments	Learning Intentions	Core Task / Assessments
31/08/26		Number Review	PPE will be a full set of GCSE exam papers Homeworks are half past paper exams given out every week.
07/09/26		Algebra Review	
14/09/26		FDP Review	
21/09/26		Shape Review	
28/09/26		Data Review	
05/10/26		Revise	
12/10/26	Y11	PPE	
19/10/26	Y11	PPE	
26/10/26	HALF TERM		
02/11/26		Trigonometry	Homeworks are half past paper exams given out every week.
09/11/26		Trigonometry	
16/11/26		Simultaneous equations	
23/11/26		Factorise Quadratics	
30/11/26		Loci and Construction	
07/12/26		Plotting quadratics	
14/12/26		Density Mass Volume	
21/12/26	CHRISTMAS HOLIDAY		
28/12/26			
04/01/27		Individual classes need identified by PPE's	PPE will be a full set of GCSE exam papers Homeworks are half past paper exams given out every week
11/01/27		Individual classes need identified by PPE's	
18/01/27		Individual classes need identified by PPE's	
25/01/27		Exact trig values	
01/02/27	Y11	PPE	
08/02/27	Y11	PPE	
15/02/27	HALF TERM		
22/02/27		Individual classes need identified by PPE's	Homeworks are half past paper exams given out every week.
01/03/27		Individual classes need identified by PPE's	
08/03/27		Individual classes need identified by PPE's	
15/03/27		Individual classes need identified by PPE's	

Year 11 Long Term Scheme of Learning 2026-2027

Subject: Maths (Foundation)

22/03/27		Individual classes need identified by PPE's	
29/03/27	SPRING BREAK		
05/04/27			
12/04/27		Individual classes need identified by PPE's	Homeworks are half past paper exams given out every week.
19/04/27		Individual classes need identified by PPE's	
26/04/27		Individual classes need identified by PPE's	
03/05/27		Individual classes need identified by PPE's	
10/05/27		GCSE exams Paper 1 14 th May	
17/05/27		GCSE exams	
24/05/27		GCSE exams Paper 2 27 th May	
31/05/27	HALF TERM		
07/06/27		GCSE exams	
14/06/27		GCSE exams Paper 3 14 th May	
21/06/27			
28/06/27			
05/07/27			
12/07/27			