

Mathematics Curriculum

Five Year Course Plan



WEEK ▶		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
YEAR 7	H	Unit 1: Numbers & the Number System		Unit 2: Calculating			Unit 3: Checking, Approximating & Estimating, Counting & Comparing			Unit 4: Visualising/Constructing & Properties of Shape			Unit 5: Exploring Fractions, Decimals, % & Calculating FDP			Unit 6: Algebraic Proficiency & Pattern Sniffing		Unit 7: Measuring Space		Unit 8: Calculating Fractions, Decimals & %		Unit 9: Solve Equations/Inequalities		Unit 10: Calculating Space & Mathematical Movement		Unit 11: Presenting Data		Unit 12: Measuring Data		Unit 13: Mastery Revision & Enrichment										
	F	Unit 1: Numbers & the Number System		Unit 2: Calculating			Unit 3: Visualising		Unit 4: Understanding Risk		Unit 5: Algebraic Proficiency		Unit 6: Proportional Reasoning		Unit 7: Angles		Unit 8: Fractions, Decimals, % & Calculating FDP		Unit 9: Pattern Sniffing & Solving Equations/Inequalities		Unit 10: Calculating Space		Unit 11: Algebraic Proficiency (Visualising)		Unit 12: Understanding Risk 2		Unit 13: Presentation of Data & Measuring Data		Unit 14: Mastery Revision & Enrichment											
YEAR 9	H	Unit 1: Calculating		Unit 2: Visualising & Constructing			Unit 3: Algebraic Proficiency (Tinkering)			Unit 4: Proportional Reasoning		Unit 5: Pattern Sniffing		Unit 6: Solve Equations/Inequalities		Unit 7: Calculating Space		Unit 8: Conjecturing		Unit 9: Algebraic Proficiency (Visualising)		Unit 10: Solving Equations & Inequalities 2		Unit 11: Understanding Risk		Unit 12: Presentation of Data		Unit 13: Mastery Revision & Enrichment												
	F	Unit 1: Powers, decimals, HCF and LCM, roots and rounding		Unit 2: Expressions, substitution, expanding and factorising, equations and sequences			Unit 3: Averages & range, collecting & representing data			Unit 4: Fractions and Percentages; Ratio and Proportion			Unit 5: Angles, polygons and parallel lines; Pythagoras and Trigonometry		Unit 6: Real-life and algebraic linear graphs; quadratic and cubic graphs; rates of change and area under graphs		Unit 7: Perimeter, area and volume; Accuracy and bounds		Unit 8: Transformations; Constructions, loci and scale drawing		Unit 9: Solving quadratic and simultaneous equations; Inequalities		Unit 10: Probability		Revision & Mock Assessment Window															
YEAR 10	H	Unit 1: Number, powers, decimals, HCF and LCM, roots and rounding		Unit 2: Expressions, substitution, expanding and factorising		Unit 3: Drawing and interpreting graphs, tables and charts			Unit 4: Fractions & Percentages		Unit 5: Equations, inequalities and sequences		Unit 6: Angles, polygons and parallel lines		Unit 7: Statistics, sampling and averages		Unit 8: Perimeter, area and volume		Unit 9: Real-life and algebraic linear graphs		Unit 10: Transformations		Unit 11: Ratio and Proportion		Revision & Moc Assessment Window															
	F	Unit 1: Multiplicative reasoning		Unit 2: Similarity & Congruence		Unit 3: Trigonometric Functions and Graphs			Unit 4: Statistics and sampling, cumulative frequency and histograms		Unit 5: Quadratics, polynomials, graphs of circles, cubes & quadratics		Unit 6: Circle Theorems		Unit 7: Changing the subject, algebraic fractions, rationalising surds and proof		Unit 8: Vectors and geometric proof		Unit 9: Non-linear graphs, area under curves; Direct and inverse proportion		Final Revision & Exam Skills					Exam Period														
YEAR 11	H	Unit 1: Right-angled triangles: Pythagoras and trigonometry		Unit 2: Probability			Unit 3: Multiplicative Reasoning		Unit 4: Constructions: triangles, nets, plan & elevations, loci, scale drawings & bearings		Unit 5: Algebra: quadratic equations and graphs		Unit 6: Perimeter, area & volume 2: circles, cylinders, cones & spheres		Unit 7: Fractions, Reciprocals and Standard Form		Unit 8: Congruence, similarity and vectors		Unit 9: Rearranging equations, graphs and simultaneous equations		Final Revision & Exam Skills					Exam Period														
	F	Unit 1: Multiplicative reasoning		Unit 2: Similarity & Congruence		Unit 3: Trigonometric Functions and Graphs			Unit 4: Statistics and sampling, cumulative frequency and histograms		Unit 5: Quadratics, polynomials, graphs of circles, cubes & quadratics		Unit 6: Circle Theorems		Unit 7: Changing the subject, algebraic fractions, rationalising surds and proof		Unit 8: Vectors and geometric proof		Unit 9: Non-linear graphs, area under curves; Direct and inverse proportion		Final Revision & Exam Skills					Exam Period														
WEEK ▶		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39