

CLF Mathematics Year 10 Route Map 2024/2025

This is a guideline – timings are flexible; some topics will not be appropriate for all classes



SEPTEMBER				OCTOBER			NOVEMBER		
Wk1 Factors, multiples, primes and HCF/LCM	Wk2	Wk3 Indices & surds Fractional & -ve indices	Wk4	Wk5 Pythagoras	Wk6 Manipulating surds	Wk7	Wk8 HOLIDAY	Wk9 Similarity	Wk10 Enlargement
NOVEMBER			DECEMBER				JANUARY		
Wk11 Trigonometry	Wk12	Wk13 Fractions of, percentages of perc change	Wk14 Reverse percentages Recurring decimals & fractions	Wk15 Compound interest	Wk16 HOLIDAY	Wk17	Wk18 Systematic listing & possibility space diagrams Product rule for counting	Wk19	Wk20 Yr10 Mocks
JANUARY		FEBRUARY			MARCH				
Wk21 Yr10 Mocks (Data drop 7/2/25)	Wk22 Venn diagrams Prob trees no replacement	Wk23 Circles	Wk24 HOLIDAY	Wk25 Area & volume Vol & surface area	Wk26 Straight line graphs Perpendicular lines	Wk27 Real life graphs Function notation	Wk28	Wk29 Solving quadratics Equation of a circle	Wk30
APRIL				MAY			JUNE		
Wk31 HOLIDAY	Wk32	Wk33 Sketching quadratics Tangent	Wk34 Fractions review Algebraic fractions	Wk35	Wk36 Transformations Invariance	Wk37	Wk38 HOLIDAY	Wk39 Vectors	Wk40 Freq tables, bar charts & pictograms Cumulative freq
JUNE			JULY		HOLIDAY				
Wk41 Pie charts	Wk42 Yr10 Mocks (Data drop 16/7/25)	Wk43	Wk44 Scattergraphs Histograms	Wk45 Angle review and polygons					



CLF Maths Year 10 Route Map 2024/2025 – how it might look for Higher

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SEPTEMBER				OCTOBER				NOVEMBER				
Wk1 Factors, multiples, primes and HCF/LCM	Wk2 Indices & surds	Wk3 Fractional & -ve indices	Wk4	Wk5 Pythagoras	Wk6 Manipulating surds	Wk7	Wk8 HOLIDAY	Wk9 Similarity	Wk10 Enlargement			
NOVEMBER			DECEMBER				JANUARY					
Wk11 Trigonometry	Wk12 Fractions of, percentages of, perc change	Wk13 Recurring decimals & fractions	Wk14 Reverse percentages	Wk15 Compound interest	Wk16	Wk17 HOLIDAY	Wk18 Systematic listing & possibility space diagrams	Wk19 Product rule for counting	Wk20 Yr10 Mocks			
JANUARY	FEBRUARY				MARCH							
Wk21 Yr10 Mocks (Data drop 7/2/25)	Wk22 Venn diagrams	Wk23 Prob trees no replacement	Wk24 Circles	Wk25 Area & volume	Wk26 Vol & surface area	Wk27 Straight line graphs	Wk28 Perpendicular lines	Wk29 Real life graphs	Wk30 Function notation	Wk31 Solving quadratics	Wk32 Equation of a circle	Wk33 Sketching quadratics
APRIL				MAY				JUNE				
Wk34 HOLIDAY	Wk35 Tangent	Wk36 Fractions review	Wk37 Algebraic fractions	Wk38 Transformations	Wk39 Invariance	Wk40 Vectors	Wk41 HOLIDAY	Wk42 Freq tables, bar charts & pictograms	Wk43 Pie charts	Wk44 Scattergraphs	Wk45	Wk46
JUNE			JULY		HOLIDAY							
Wk47 Cumulative freq	Wk48 Yr10 Mocks (Data drop 16/7/25)	Wk49 Histograms	Wk50 Angle and polygons									



CLF Mathematics Year 11 - Higher Route Map 2024/2025

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SEPTEMBER				OCTOBER				NOVEMBER			
Wk1	Wk2	Wk3	Wk4	Wk5	Wk6	Wk7	Wk8	Wk9	Wk10		
Further Simultaneous equations	Iteration	Circle Theorems	3D Pythagoras & Trigonometry	Non-right angled trigonometry	Mock Prep/ Mocks	HOLIDAY	Nov Mocks 14th Oct – 15th Nov Data drop deadline 29th Nov				
NOVEMBER			DECEMBER				JANUARY				
Wk11	Wk12	Wk13	Wk14	Wk15	Wk16	Wk17	Wk18	Wk19	Wk20		
Complex rearranging	Composite and Inverse Functions	Congruency & Similarity	3D Sim	Mock feedback	Bounds	Exp graphs	HOLIDAY	Direct and inverse proportion	Rate of change & area under a curve	Trig graphs	Transformations of graphs
JANUARY	FEBRUARY				MARCH						
Wk21	Wk22	Wk23	Wk24	Wk25	Wk26	Wk27	Wk28	Wk29	Wk30		
Mock prep	Feb Mocks 10th Feb – 7th Mar Data drop deadline 21st Mar		HOLIDAY	Feb Mocks End 7th Mar	Geometric proof	Proof with vectors	Algebraic proof	Mock feedback	Class level responsive planning & revision following mocks		
APRIL			MAY				JUNE				
Wk31	Wk32	Wk33	Wk34	Wk35	Wk36	Wk37	Wk38	Wk39	Wk40		
HOLIDAY		Class level responsive planning & revision following mocks				EXAMS Paper 1 – 15th May AM		HOLIDAY	EXAMS Paper 2 – 4th Jun AM Paper 3 – 11th Jun AM		
JUNE		Possible recap topics	Term 1			Term 2			Term 3		
Wk41	Wk42		<ul style="list-style-type: none"> Solving linear equations Linear simultaneous equations Rearranging formulae Angles in polygons Area and circumference of a circle Pythagoras' theorem Trigonometry 			<ul style="list-style-type: none"> Function notation Standard form Bounds Area and volume Ratio Calculate with fractions Calculator skills 			<ul style="list-style-type: none"> Expand and factorise Triple brackets Algebraic terminology Recurring decimals to fractions Probability Calculator skills 		
EXAMS Exam window closes 27th Jun											

