

CLF Mathematics Year 10 Route Map 2023/2024

SEPTEMBER				OCTOBER				NOVEMBER			
INSET	Wk1 Factors, multiples, primes and HCF/LCM	Wk2	Wk3 Indices & surds Fractional & -ve indices	Wk4	Wk5 Pythagoras Manipulating surds	Wk6	Wk7 CLF Con INSET	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 INSET	Wk18 Systematic listing & possibility space diagrams Product rule for counting	Wk19 Prob trees no replacement	Wk20	Venn diagrams	
JANUARY		FEBRUARY				MARCH					
Wk21 Yr10 Mocks Data drop 23/2/24	Wk22	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	G.Frd	
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 frequency	
JUNE			JULY		SUMMER						
Wk41 Pie charts	Wk42 Yr10 Mocks Data drop 17/7/24	Wk43	Wk44 Scattergraphs Histograms	Wk45 Angle review and polygons							

CLF Mathematics Year 10 Route Map – how it might look for Foundation

SEPTEMBER				OCTOBER				NOVEMBER	
Wk1	Wk2	Wk3	Wk4	Wk5	Wk6	Wk7	Wk8	Wk9	Wk10
Factors, multiples, primes and HCF/LCM		Indices & surds		Pythagoras			Holiday	Congruency & similarity	Enlargement
NOVEMBER			DECEMBER				JANUARY		
Wk11	Wk12	Wk13	Wk14	Wk15	Wk16	Wk17	Wk18	Wk19	Wk20
Trigonometry	Fractions of, percentages of, perc change	Reverse percentages	Compound Interest	Holiday		INSET	Systematic listing & possibility space diagrams	Venn	
JANUARY		FEBRUARY				MARCH			
Wk21	Wk22	Wk23	Wk24	Wk25	Wk26	Wk27	Wk28	Wk29	Wk30
Venn diagrams		Circles	Holiday	Area & volume	Straight line graphs		Real life graphs	Solving quadratics (inc completing the square)	
APRIL				MAY				JUNE	
Wk31	Wk32	Wk33	Wk34	Wk35	Wk36	Wk37	Wk38	Wk39	Wk40
Holiday		Sketching quadratics	Fractions review		Transformations	Vectors		Freq tables, bar charts & pictograms	
JUNE			JULY		SUMMER				
Wk41	Wk42	Wk43	Wk44	Wk45					
Pie charts	Scattergraphs	Yr10 Mocks		Angle review and polygons					

CLF Mathematics Year 11 Route Map – Foundation

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



SEPTEMBER				OCTOBER				NOVEMBER	
Wk1 Algebra Simplifying, solving & rearranging	Wk2 Solving quadratics	Wk3 Congruence	Wk4 Trig exact values	Wk5 Vectors	Wk6 Arcs and sectors	Wk7 Mock prep	Wk8 Holiday	Wk9 Nov Mocks 31st October – 11th Nov Data drop deadline 18th Nov	Wk10
NOVEMBER		DECEMBER				JANUARY			
Wk11 Mock feedback	Wk12 Plotting graphs	Wk13 Sketching graphs inc cubic and reciprocal	Wk14 Growth and decay	Wk15 Inequalities Solve and shade	Wk16 Holiday		Wk18 Best buys, bank accounts, ratio with every other topic		
JANUARY	FEBRUARY				MARCH				
Wk21 Shape problems – add/split Multi-step problems	Wk22	Wk23 Mock prep	Wk24 Holiday	Wk25 Feb Mocks 21st February – 3rd March Data drop deadline 10th March		Wk27 Mock feedback	Wk28 Class level responsive planning & revision following mocks		
APRIL			MAY					JUNE	
Wk31 Holiday		Class level responsive planning & revision following mocks					Wk38 EXAMS	Wk39 Holiday	Wk40 EXAMS
JUNE		JULY	Term 1 <ul style="list-style-type: none"> Negative numbers Solving equations Factors, multiples, primes Angle properties Area and circumference of a circle Column vectors 			Term 2 <ul style="list-style-type: none"> Calculator skills Fraction calculations Ratio <ul style="list-style-type: none"> Simplifying Sharing Plotting graphs Percentages 		Term 3 <ul style="list-style-type: none"> Expanding brackets Factorising linear expressions Perimeter Area Volume 	
Wk41 EXAMS	Wk42	Wk43 Possible recap topics							