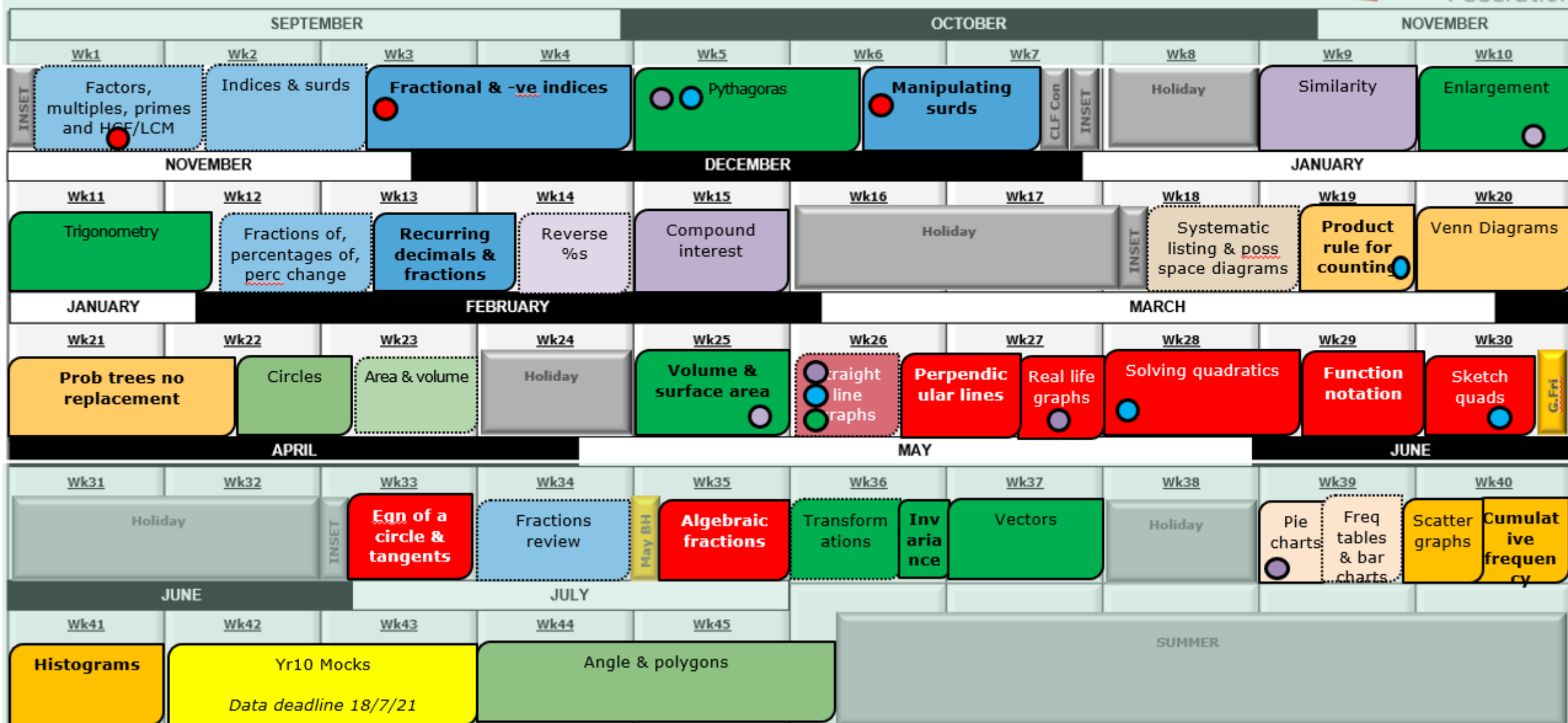


CLF Mathematics Year 10 Route Map 2023/2024

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	
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 Higher



CLF Mathematics Year 11 Route Map – Higher

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

SEPTEMBER				OCTOBER				NOVEMBER						
Wk1 Further Simultaneous equations	Wk2 Iteration	Wk3 Circle Theorems	Wk4	Wk5 3D Pythagoras & Trigonometry	Wk6 Non-right angled trigonometry	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 Complex Rearranging	Wk13 Composite and Inverse Functions	Wk14 Congruency & Similarity	Wk15 3D Sim	Wk16 Bounds	Wk17 Exp graphs	Wk18 Holiday		Wk19 Rate of change & area under a curve	Wk20 Trig graphs	Wk20 Transformations of graphs			
JANUARY		FEBRUARY				MARCH								
Wk21 Geometric proof	Wk22 Proof with vectors	Wk23 Algebraic proof	Wk24 Mock prep	Wk25 Holiday	Wk26 Feb Mocks		Wk27 Mock feedback	Wk28 Class level responsive planning & revision following mocks						
APRIL				MAY				JUNE						
Wk31 Class level planning	Wk32 Holiday			Wk34 Class level responsive planning & revision following mocks				Wk38 EXAMS	Wk39 Holiday	Wk40 EXAMS				
JUNE			JULY			AUGUST								
Wk41 EXAMS	Wk42	Wk43	Possible recap topics			Term 1 <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 			Term 2 <ul style="list-style-type: none"> Function notation Standard form Bounds Area and volume Ratio Calculate with fractions Calculator skills 			Term 3 <ul style="list-style-type: none"> Expand and factorise Triple brackets Algebraic terminology Recurring decimals to fractions Probability Calculator skills 		