Year 10 Long Term Scheme of Learning 2023-24

Further Maths

HELSBY High School
Achieving Success Valuing Others

Date	Exams/ Assess	Unit(s)
4/9/23	Base line assessment	Base line assessment 1.2 Product rule for counting – Multiple groups 1.2 Product rule for counting – single groups 1.2 Product rule for counting – single groups 1.3 Surds - simplifying 1.3 Surds – rationalising 2.6 Expanding multiple brackets 2.6 Expanding multiple brackets 2.7 Expanding binomials 2.7 Expanding binomials Assessment
11/9/23		
18/9/23		
25/9/23		
2/10/23		
9/10/23		
16/10/23	Assessment	
30/10/23		2.20 Sequences - using the nth term 2.21 nth term of linear sequences 2.22 nth term of quadratic sequences 3.1 & 3.2 Gradient of straight lines (inc parallel and perpendicular) 3.5 & 3.6 Equation of a straight line Advanced practise 3.3 & 3.4 Length of a line segment 3.7 & 3.8 Equation of a circle 3.9 Equation of a tangent to a circle Consolidation Assessment
6/11/23		
13/11/23		
20/11/23		
27/11/23		
4/12/23		
11/12/23	Assessment	
1/1/24		2.8 Factorising 2.9 Algebraic fractions – simplifying, multiplying and dividing 2.9 Algebraic fractions – addition and subtraction 2.10 Rearranging formula 2.11 Algebraic division 2.11 Factor theorem 2.19 Algebraic Proof 2.19 Algebraic Proof Consolidation Assessment during PPE window
8/1/24	PPE	
15/1/24		
22/1/24		
29/1/24		
5/2/24		
12/2/24		

26/2/24		2.11 Completing the square
		2.12 Completing the square and quadratic graphs
4/3/24		2.13 & 2.14 Quadratic graphs – solving using different methods
		2.14 Solutions of linear and quadratic equations
11/3/24		2.14 Consolidation in context
		2.15 Solving linear simultaneous equations
18/3/24		2.15 Solving quadratic simultaneous equations
25/3/24	Assessment	Assessment
15/4/24		2.16 Solving linear equations with three unknowns
		2.17 Solving linear inequalities and representing graphically
22/4/24		2.17 Solving quadratic inequalities and representing graphically
		2.17 Solving quadratic inequalities and representing graphically
29/4/24		2.18 Index laws
		2.18 Index laws
6/5/24		Consolidation
		Consolidation
13/5/24		Assessment
20/5/24	Assessment	
3/6/24		5.1 Multiplying matrices
		5.1 Multiplying matrices
10/6/24	PPE	5.2 The identity matrix
		5.3 Transformations
17/6/24		5.3 Transformations
		5.4 Combinations of transformations
24/6/24		Consolidation
		Consolidation
1/7/24		Assessment during PPE window
		Feedback
8/7/24		
15/7/24		