Year 10 Long Term Scheme of Learning 2024-25

HELSBY High School Actieving Success Valuing Others

Subject: Further Maths

Date	Exams/ Assess	Unit(s)
2/9/24	Base line assess ment	Base line assessment 1.2 Product rule for counting – Multiple groups 1.2 Product rule for counting – single groups
9/9/24		1.2 Product rule for counting – single groups
16/9/24		1.3 Surds - simplifying
23/9/24		1.3 Surds – rationalising
30/09/24		2.6 Expanding multiple brackets
7/10/24 14/10/24		2.6 Expanding multiple brackets
21/10/24	Assess ment	2.7 Expanding binomials 2.7 Expanding binomials Assessment
4/11/24		2.20 Sequences - using the nth term
11/11/24		2.21 nth term of linear sequences
18/11/24		·
25/11/24		2.22 nth term of quadratic sequences
2/12/24 9/12/24		3.1 & 3.2 Gradient of straight lines (inc parallel and perpendicular) 3.5 & 3.6 Equation of a straight line
16/12/24	Assess ment	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
6/1/25		2.8 Factorising
13/1/25	PPE	2.9 Algebraic fractions – simplifying, multiplying and dividing
20/1/25		2.9 Algebraic fractions – addition and subtraction
27/1/25		2.10 Rearranging formula
3/2/25 10/2/25		2.11 Algebraic division 2.11 Factor theorem 2.19 Algebraic Proof 2.19 Algebraic Proof Consolidation Assessment during PPE window
24/2/25		2.11 Completing the square
3/3/25		2.12 Completing the square and quadratic graphs
10/3/25		2.12 Completing the square and quadratic graphs

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17/3/25		2.13 & 2.14 Quadratic graphs – solving using different methods
24/3/25		2.14 Solutions of linear and quadratic equations
31/3/25	Assess ment	2.14 Consolidation in context 2.15 Solving linear simultaneous equations 2.15 Solving quadratic
21/4/25		2.16 Solving linear equations with three unknowns
28/4/25		
5/5/25		2.17 Solving linear inequalities and representing graphically
12/5/25		2.17 Solving quadratic inequalities and representing graphically
19/5/25	Assess ment	2.17 Solving quadratic inequalities and representing graphically 2.18 Index laws 2.18 Index laws Consolidation Consolidation Assessment
2/6/25		5.1 Multiplying matrices
9/6/25	PPE	5.1 Multiplying matrices
16/6/25		5.2 The identity matrix
23/6/25		5.3 Transformations
30/6/25		1 - 1 - 1 - 1 - 1
7/7/25		5.3 Transformations
14/7/25		5.4 Combinations of transformations Consolidation Consolidation Assessment during PPE window Feedback