WC Date	Assessment	UNIT OF STUDY	KEY SKILLS/LEARNING	Prior Learning
03.09.25		Unit 1 – Indices and Surds (10 hours)	• Indice rules • Simplifying surds • Multiplying/Dividing surds • Adding/Subtracting surds • Expanding brackets • Rationalising the denominator	• **Expanding brackets (Y9 and Y10)** • **Indices (Y9)**
15.09.25		Unit 2 – Sequences and Simultaneous Equations (12 hours)	• Quadratic sequences • Geometric sequences • Special sequences • Solve simultaneous equations using elimination / substitution / graphically • Iteration	• **Equations including quadratic (Y10)**
Catch up and addressing gaps and misconceptions from Y10 MOCK				
29.09.25		Unit 3 – Pythagoras and Trigonometry (17 hours)	• Pythagoras [recap] • Trigonometry • Trigonometry Graphs • Sine and Cosine Rule • Area of non right-angled triangle • 3D Pythagoras and Trigonometry	• **Pythagoras (Y9)**
OCTOBER HALF TERM				
03.11.25		Unit 4 – Angles and Bearings (6 hours)	• Scale drawings • Bearings • Combine problems in trigonometry using bearings	• **Angles in parallel lines (Y9)**
10.11.25		Unit 5 – Circle Geometry (8 hours)	• Error intervals • Bounds • Circle theorems	• **Area and Circumference of a circle (Y9)** • **Sectors and arc lengths (Y9)** • **Equation of a line (Y10)**
17.11.25	**MOCK WEEK 1+2**			
1.12.25		Unit 6 – Surface area and Volume (10 hours)	• SA and volume of a cylinder • Volume of spheres and cones • Volume & surface area of frustums • Volume of surface area of composite shapes	• **Surface area and volume prisms (Y9)**
15.12.25		Unit 7 – Functions (6 hours)	• Substitute into formulae • Use function notation • Composite functions • Inverse functions	• **Substitution** • **Function machines**
CHRISTMAS				

6.1.26		Unit 8 – Non linear graphs (continued)(15 hours)	• Representing Linear inequalities graphically • Recognise and plot quadratic / cubic / reciprocal / exponential • Solve equations graphically • Solving quadratic inequalities • Completing the square • Transforming graphs	**Linear graphs (Y10)**
26.01.26		Unit 9 – Congruence, Similarity, Transformations (15 hours)	• Congruency • Geometric proofs with angle facts and with congruency and similarity • Similar shapes including area and volume • Enlargement • Rotation • Reflection • Translation	• **Transformations (Y9)**
FEB HALF TERM			•	•
23.02.26		Unit 10 – Vectors Proof (12 hours)	• Recognise and use vectors • Add and subtract vectors • Scalar vectors • Parallel vectors • Colinear vectors • Geometrical problems including proofs and ratio • Proving circle theorems	• **Translation Column Vectors(Y9&10)**
09.03.26		Unit 11 – Compound measures and Graphs (12 hours)	• Speed, distance, time • Density and pressure • Tangents to circles • Circle equation • Tangents to non-linear graphs • Velocity time graphs • Estimating area under a non linear graph	• **Equation of a line (Y10)**
EASTER				
13.04.26		Unit 12 – Constructions and Loci (5 hours)	• Constructions • Loci • Plans and Elevations	
20.04.26		Unit 13 – Statistics Recap (5 hours) [optional]	• **PRODUCT RULE** • Pie Charts • Scatter Graphs • Averages from tables • Frequency Polygons • Probability • Histograms • Cumulative Frequency	• **Y10 Statistics**
Paper 1	**14.05.26**			
Paper 2	**03.06.26**			

Paper 3	**10.06.26**			