

Shenley Mathematics - Year 11 programme of study (November Mock Exams)

Day	Form Time	Lesson Topic
Week 1		
Mon		
Tue		
Wed	Fractions 4 Operations	Prime Factor Decomposition / HCF / LCM
Thur	Fractions 4 Operations	Recurring Decimals
Fri	Fractions 4 Operations	Percentage Change
Week 2		
Mon	One bracket factorisation	Quadratic Sequences
Tue	Rearranging	Ratio – Sharing
Wed	Rearranging	Ratio – Combining
Thur	Rearranging	Cumulative Frequency
Fri	Rearranging	Repeated Percentage Change (inc Compound Interest)
Week 3		
Mon	Forming and Solving Equations	Product Rule (Counting)
Tue	Forming and Solving Equations	Box Plots
Wed	Forming and Solving Equations	Reverse Percentages
Thur	Forming and Solving Equations	Error Intervals
Fri	Forming and Solving Equations	Assessment 1: Previous Topics (Weeks 1 and 2)
Week 4		
Mon	Reteach Assessment 1 Topics	Expanding Triple Brackets
Tue	Reteach Assessment 1 Topics	Tree Diagrams – Independent Events
Wed	Reteach Assessment 1 Topics	Plans and Elevations
Thur	Reteach Assessment 1 Topics	Capture Recapture
Fri	Reteach Assessment 1 Topics	Histograms
Week 5		
Mon	Reteach Assessment 1 Topics	Frequency Polygons
Tue	Reteach Assessment 1 Topics	Pythagoras' Theorem
Wed	Reteach Assessment 1 Topics	Simultaneous Equations
Thur	Reteach Assessment 1 Topics	Estimated Mean
Fri		Assessment: Previous Topics (Weeks 3 and 4)
Week 6		
Mon	Reteach Assessment 2 Topics	Indices – Fractional and Negative
Tue	Reteach Assessment 2 Topics	Venn Diagrams
Wed	Reteach Assessment 2 Topics	Transformations – Reflection, Rotation and Translation
Thur	Reteach Assessment 2 Topics	Transformations – Reflection, Rotation and Translation
Fri	Reteach Assessment 2 Topics	Solving Quadratic Equations
Week 7		
Mon	Reteach Assessment 2 Topics	Tree Diagrams – Conditional Events
Tue	Reteach Assessment 2 Topics	Inverse Proportion (Word problems)
Wed	Reteach Assessment 2 Topics	Transformations – Enlargement
Thur	Reteach Assessment 2 Topics	Simplifying Surds
Fri		Assessment: Previous Topics (Weeks 5 and 6)
Week 8		
Mon	Reteach Assessment 3 Topics	Standard Form
Tue	Reteach Assessment 3 Topics	Angles in Polygons
Wed	Reteach Assessment 3 Topics	Scatter Graphs
Thur	Reteach Assessment 3 Topics	The Quadratic Formula
Fri	Reteach Assessment 3 Topics	Drawing Graphs – Quadratic, Cubic, Reciprocal
HALF TERM		
Week 9		
Mon		Assessment: Previous Topics (Weeks 1 to 8)
Tue		Revision
Wed		Revision
Thur		Revision
Fri		Revision

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<i>Week 10</i>	
Mon	Revision
Tue	Revision
Wed	Revision
Thur	Revision
Fri	Revision
<i>Week 11: Full Mocks</i>	
Mon	
Tue	
Wed	
Thur	
Fri	