

Year 9 Overview – Higher Tier

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	-Number -Number problems and reasoning -HCF and LCM -Indices – Calculating with powers -zero, fractional and negative indices -Powers of 10 and standard form -Surds Hegarty maths home learning set weekly Fortnightly Fluency Tests – Formative and diagnostic assessment					-Algebra -Algebraic Indices -Expanding and Factorising -Equations -Formulae -Linear Sequences -Non-linear Sequences Hegarty maths home learning set weekly Fortnightly Fluency Tests – Formative and diagnostic assessment					Revise & Improve Consolidation, gap filling, DIRT time END OF TERM TEST	
Spring	-Interpreting and representing data -Time series -Scatter graphs -Averages -Statistical diagrams Hegarty maths home learning set weekly Fortnightly Fluency Tests – Formative and diagnostic assessment		-Fractions, ratios and percentages -Fractions -Ratio-proportion -Percentages and multipliers Hegarty maths home learning set weekly Fortnightly Fluency Tests – Formative and diagnostic assessment			-Angles and Trigonometry -Interior and exterior angles in polygons -Pythagoras theorem -Trigonometry Hegarty maths home learning set weekly Fortnightly Fluency Tests – Formative and diagnostic assessment			Revise & Improve Consolidation, gap filling, DIRT time END OF TERM TEST			
Summer	-Graphs -Linear graphs -Real life graphs -Line segments -Quadratic, reciprocal, cubic graphs Hegarty maths home learning set weekly Fortnightly Fluency Tests – Formative and diagnostic assessment		-Area and Volume -Volume and surface area of prisms -Circles and sectors of circles -Cylinders and spheres -Pyramids and cones Hegarty maths home learning set weekly Fortnightly Fluency Tests – Formative and diagnostic assessment			-Transformations and Constructions -Reflection and rotation -Enlargement -Combining transformations -Bearing -Construction -Loci Hegarty maths home learning set weekly Fortnightly Fluency Tests – Formative and diagnostic assessment			Revise & Improve Consolidation, gap filling, DIRT time END OF YEAR SUMMATIVE EXAMS			

