

Year 8 Maths Curriculum Map 2022						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Content: What will students know	Equations and change subject, Indices/Standard Form, Fractions (multiply / divide & mixed), Inequalities & Inequations	Probability & Sets, Algebra 1 (substitute, form, simplify), Areas & Surface Area, Angles, Angle rules & Polygons, Bearings & Scale drawings (maps), Stem & Leaf, Discrete Averages	Frequency tables/Grouped data, Scatter Graphs & Other charts, Different sampling methods basics, Fractions / Decimals / Percentages, Percentages, Real-Life/Travel graphs	Transformations (Reflect & Translate), Ratio & Proportion, Rounding (DP & SF), Circles – use of πr^2 & $2\pi r$, Rotations	Straight line graphs, Simultaneous equations, Volumes (cuboids & prisms), Enlargements	Pythagoras Theorem, Constructions (bisectors & equidistant), Factorising single brackets, Inference, Errors and estimations, Further Ratio
Skills: What will students be able to do	Understand and use mathematical language and syntax as set out in the content. Understand and use language and symbols associated with set theory, as set out in the content. Apply to solutions of inequalities and probability.					
Other: Literacy/Numeracy/ Ethos	Mathematical vocabulary is introduced and assessed through the year					
Assessment:	Half-termly test	Half-termly test	Half-termly test	Half-termly test	EOY exam	Half-termly test