KS4 Maths

	Content
	Within Year 10 students will be consolidating and extending previous knowledge from KS3. Students will be following a foundation or higher GCSE course. The topics they will cover are below:

	Foundation	**Higher**
Year 10 HT1	•Calculations •Rounding and place value •Algebraic manipulation •Substitution*	•Calculations •Algebraic manipulation •Substitution
Year 10 HT2	•Fractions •Indices	•Functions •Fractions •Indices, roots and surds*
Year 10 HT3	•Factors, multiples and primes •Probability	•Probability
Year 10 HT4	•Ratio and proportion •Percentages	•Ratio and proportion •Percentages •Angles*
Year 10 HT5	•Angles •Equations and inequalities	•Angles - this will include Pythagoras, Trigonometry, advanced Trigonometry and circle theorems. •Equations and inequalities*
Year 10 HT6	•Representing data	•Compound measures

Within Year 11 students will be consolidating and extending previous knowledge from KS3 and Year 10. Students will be following a foundation or higher GCSE course. The topics they will cover are below:

	Foundation	**Higher**
Year 11 HT1	•Algebraic manipulation and equations recap •Area and volume	•Similar shapes •Representing data •Sequences and graphs *
Year 11 HT2	•Calculations •**PPE REVISION AND EXAMS** •Construction	•**PPE REVISION AND EXAMS** •Construction and loci
Year 11 HT3	•Transformations •Speed distance time. •Averages	•Vectors and transformations •Averages
Year 11 HT4	•Maps and scales •**PPE 2** •**Personalised gap filling Revision**	•Sampling •**PPE 2** •**Personalised gap filling Revision**
Year 11 HT5	•**Personalised gap filling Revision**	•Calculation of bounds •**Personalised gap filling Revision**