Sir Thomas Wharton Academy

Delivering exceptional learning experiences that enable all young people to thrive in a competitive world and lead successful and fulfilling lives.

THE HIGHEST STANDARDS	INVEST TO ACHIEVE	EVERYONE IS VALUED	NO EXCUSES	NEVER GIVE UP	CULTIVATE YOUR CHARACTER
Always set and deliver the highest standards: never settle for less.	Care about the now; create the very best for your future.	We are unique individuals working together to be the best.	Create solutions, not excuses.	Resilience is essential; self-belief drives improvement.	Qualifications open doors; your character gets you through them.

Mathematics Year 8

Half Term 1	Week 0	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
		Index laws			Algebraic expressions			**Fractions**	Solving Equations
Half Term 2	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Holiday	
	Solving Equations	Rounding and estimation		Circles		Assessment and CTG 1	**Sequences**		
Half Term 3	Week 16	Week 17	Week 18 - LC1	Week 19	Week 20	Week 21	Holiday		
	Sequences	Ratio			Volume				
Half Term 4	Week 22	Week 23	Week 24	Week 25	Week 26	Holiday			
	Volume	Pythagoras' Theorem		Assessment and CTG 2	**Pie Charts**				
Half Term 5	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Holiday		
	Percentage change			**Angles in Parallel lines**					
Half Term 6	Week 33	Week 34 - LC2	Week 35	Week 36 - PE	Week 37	Week 38	Week 39		
	Probability trees		**HCF and LCM**	Scatter graphs		Assessment and CTG 3	**CTG 3**		

How does this year deliver your curriculum intent?	Within year 8, students use and build upon the knowledge gained within primary school and in year 7 and study all six strands of mathematics in detail. The numerical knowledge that they have gained within year 7 forms the prior knowledge required to understand the key concepts taught within year 8. Students begin to experience more challenging geometry topics.	What does the end of year assessment look like?	At the end of Year 8 students will complete 2 tests, calculator and non-calculator this will encompass topics from across the year and any relevant skills from the previous year. To reflect assessment as keystage 4, the calculator to non-calculator ratio is 2:1.