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.

J227 | GCSE OCR Computer Science | Year 11 |

	Week 0	Week 1	Week 2	Week 3	Week 4- LC1	Week 5	Week 6	Week 7	Week 8
Half Term 1		Computational Thinking	Algorithms		Sorting and Searching	**End of Unit Assessment**	Defensive Design	Testing	Languages
	Week 9	Week 10	Week 11	Week 12	**Week 13**	Week 14	Week 15- LC2		
Half Term 2	IDEs	Trial Examinations		Boolean Logic	**End of Unit Assessment**	Pseudocode - Tracing	Pseudocode - Errors	Holiday	
	Week 16	Week 17	Week 18	Week 19	**Week 20**	Week 21			
Half Term 3	Pseudocode - Writing	Flowcharts - Tracing	Flowcharts - Errors	Flowcharts - Writing	**End of Unit Assessment**	Component 2 Revsion	Holiday		
	Week 22	Week 23	Week 24	Week 25	Week 26				
Half Term 4	Trial Examinations		Data Types	Additioanl Programming Techniques		Holiday			
	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32			
Half Term 5	Component 1 revision	Component 2 Revsion	Component 1 revision	External Examinations			Holiday		
	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39		
Half Term 6	External Examinations								

How does this year deliver your curriculum intent?	Building on programming and algorithm skills developed throughout KS3 and KS4, Y11 pupils will ccontinue their application of skills in Component 3 for the compulsory programming project hours in the textual programming application: Python, further developing their programming and problem solving skills during the academic year. Pupils will then cover the specification content for Component 2 in preparation for their final exams. Students will be given an opportunity to return to prior learning and spend the final half-term revising and consolidating their understanding of these topics before the exams to allow students to be confident on achieveing their true potential.