ICT Department: Academic Year 2014-2016

	Topic/term Number								
	1	2	■	3	4	■	5	6

Key Stage 4

GCSE Computing year 10

GCSE Computing is split into 2 units, A451 (theory of computing) and A453(programming skills) – with half of each timetabled week being dedicated to each unit. By the end of the year the students will apply their learning into controlled assessment that can only be completed in the classroom.

Topic – A451	Fundamentals of Computer Systems	Hardware	Christmas	Representation of Data.	Networking	Easter	Controlled Coursework	
Topic – A453 (programming Skills)	Introduction to programming, Variables	Selection and Repetition Statements		Algorithm Development and Arrays	Error Handling and Functions			

GCSE Computing year 11

In year 11 the rest of the GCSE A451 curriculum is completed as well as other areas of controlled assessment in A453. Students will also complete a second element of research coursework A452.

Topic – A451			Christmas	Databases	Software	Easter	Revision	
A452	Controlled assessment			Controlled Assessment			Controlled Assessment	Examinations
A453	Controlled assessment							

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