



King Alfred School

Curriculum Map 2017-2018

Department: Computing

	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 7	Organising > Get ready for the year ahead.	Communication > e-Communication for a purpose	Visual Programming > Apply the three basic logic structures.	Visual Programming > Apply the three basic logic structures.	Modelling > Develop fluency with modelling concepts.	Exploring Data > A thorough grounding in all things data.
Year 8	Data Organising for the Web > Get organised and be safe on the web.	Data Digital Media > Produce a stadium mix from a timeline plan.	Data Visualisation > Analyse and present data in different ways.	Data Visualisation > Analyse and present data in different ways	Data Web Programming > Multiple web pages with CSS.	Networks and the Web Networks and the Web > Hard-wired and mobile networks.

Year 9	Unit 4 Computer Systems Python Programming	Unit 4 Computer Systems Python Programming	Unit 6 Cyber security Python Programming	Unit 6 Cyber security Python Programming	Unit 5 Fundamentals of Networks Python Programming	Unit 5 Fundamentals of Networks Python Programming
Year 10	Unit 1 Fundamentals of algorithms Python Programming	Unit 1 Fundamentals of algorithms Python Programming	Unit 2 A Programming	Unit 2 A Programming Unit 2 B Programming	Unit 2 B Programming	Preparing for coursework
Year 11	Unit 1 Topic 2 Connectivity Topic 4 Online goods and Services	Unit 1: Topic 5 Online Communities Topic 6 Issues	Revision			N/A

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Year 12	Unit 1: Topic 1 components of a computer and their uses. Topic 6 Data Types Python Programming	Unit 1: Topic 8 Boolean Algebra Topic 7 Data Structures Topic 9 Legal Moral and ethical Issues Python Programming	Unit 1: Topic 2 Systems Software and Application Generation Topic 3 Software Development Python Programming	Unit 1: Topic 4 Exchanging data Topic 5 Networks and Web Technologies Python Programming	Unit 2 Computational Thinking Python Programming	Unit 2 Structurd Programming Python Programming
Year 13	Unit 3 Coursework		Go over syllabus to reinforce the A-level topics (as opposed to AS content)			N/A