



# 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

***Belong. Believe. Be Proud.***

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