

Parkside School Curriculum Map 2025/6

Applied: Computing

Year 7							
Term 1:	Autumn	Term 2: Spring		Term 3: Summer		Age Related Expectations (ARE)	
Unit 1: Digital Communication	Unit 2: Computer Systems	Unit 3: Modelling Purpose:	Unit 4: Using media for a cause	Unit 5: The Four Cornerstones	Unit 6: Visual Programming	Students can undertake creative projects, using a variety of applications, to	
Purpose: Students will be introduced to using the school network and Google. They will hone vital skills regarding online safety,	Purpose: • Students will study an introduction into the different types of computers and learn the different hardware and	 Students will learn how to create and analyse data presented in spreadsheets. They will learn how to do calculations and display data in a 	Purpose: This unit will teach students how to use and evaluate resources online. Students will develop their ability to	Purpose: • Students will develop different approaches to help solve problems using computational thinking.	Purpose: Students will use visual programming to bridge the gap from primary to secondary. They will learn how to sequence	become competent users of IT. • Students can understand and apply the fundamental principles and concepts of computer science, including binary, Boolean logic, key algorithms and data representation.	
emails and research. They will begin to manage and access files. Knowledge and skills: Students will	software. They will learn the roles within IPOS, specifically input and output peripherals. Knowledge and	graphical format. Knowledge and Skills: Students will learn how to record data into a spreadsheet,	create, re-use, revise and re-purpose digital artifacts for a given audience and purpose.	Knowledge and skills: • Students will learn the meaning of decomposition, abstraction, pattern recognition and algorithms.	instructions and test and revise their outcomes. Knowledge and skills: Students will apply the use of	 Students use computational thinking to analyse problems and use multiple programming languages. Students learn to design, manipulate and evaluate computational models for a given purpose or audience. 	
develop skills to stay safe	Skills: • Students will	how to format columns and	skills: • Students will	They will be able to	decomposition, abstraction,	Students can understand a range of ways to use	



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online and be aware of threats that face them. They will know and practice how to keep their data secure whilst also saving and retrieving files. Students will be able to navigate Google classroom and send, receive and organise emails. Toky will conduct and solution to a deffectively research a topic, effectively research a solution to a solution to a solution to a solution to a given problem which will will will will will will will wil	aware of threats that face them. They will know and practice how to keep their data secure whilst also saving and retrieving files. Students will be able to navigate Google classroom and send, receive and organise