YEAR 8—COMPUTER SCIENCE

Understanding Computers	Computational Thinking
• The role of the CPU in the wider Computer • What binary is and its role in computers • The role of different storage devices and their relative advantages and disadvantages.	• The ability of ask logical questions to deduce answers • Development of an algorithm to solve a problem • How to decompose large tasks into smaller more manageable tasks • How to focus on key details and remove the unimportant
• Central processing unit • Random Access Memory • Read Only Memory • Binary • Magnetic Storage • Optical Storage • Flash Storage	• Abstraction • Decomposition • Algorithm • AND • OR • NOT • Logical words