ASSESSMENT POINT 3:

YEAR 10 COMPUTER SCIENCE

Assessment Information	Assessment Topics to Revise
You will complete 2 mock papers, paper one and two per assessment window. These will be Mock GCSE style papers. You will also sit an end of block assessment based on the learning you have completed in the recent block [1-7]	Principles of Computer Science Paper 1: This paper will assess Topics 1 to 5. - Topic 1: Computational thinking – understanding of what algorithms are, what they - are used for and how they work; ability to follow, amend and write algorithms; ability. - to construct truth tables. - Topic 2: Data – understanding of binary, data representation, data storage and - compression. - Topic 3: Computers – understanding of hardware and software components of - computer systems and characteristics of programming languages. - Topic 4: Networks – understanding of computer networks and network security. - Topic 5: Issues and impact – awareness of emerging trends in computing technologies, and the impact of computing on individuals, society, and the environment, including ethical, legal and ownership issues. Computational Thinking: This paper will assess Topic 6: Problem solving with programming. The focus of this paper is: - understanding what algorithms are, what they are used for and how they work in relation to creating programs. - understanding how to decompose and analyse problems. ability to read, write, refine and evaluate programs

YEAR 11 COMPUTER SCIENCE

Assessment Information	Assessment Topics to Revise
You will complete 2 mock papers, paper one and two per assessment window. These will be Mock GCSE style papers. You will also sit an end of block assessment based on the learning you have completed in the recent block [1-4]	Principles of Computer Science Paper 1: This paper will assess Topics 1 to 5. - Topic 1: Computational thinking – understanding of what algorithms are, what they - are used for and how they work; ability to follow, amend and write algorithms; ability. - to construct truth tables. - Topic 2: Data – understanding of binary, data representation, data storage and - compression. - Topic 3: Computers – understanding of hardware and software components of - computer systems and characteristics of programming languages. - Topic 4: Networks – understanding of computer networks and network security. - Topic 5: Issues and impact – awareness of emerging trends in computing technologies, and the impact of computing on individuals, society, and the environment, including ethical, legal and ownership issues. Computational Thinking: This paper will assess Topic 6: Problem solving with programming. The focus of this paper is: - understanding what algorithms are, what they are used for and how they work in relation to creating programs. - understanding how to decompose and analyse problems. ability to read, write, refine, and evaluate programs