Long term Plan Subject:Computer Science YEAR 13

Term	Topic(s)	Assessed work	Additional details
1 a 7 weeks 34_lessons	1.5.1 Computing related legislation 1.5.2 Moral and ethical Issues 2.1.1 Thinking abstractly 2.1.2 Thinking ahead 2.1.3 Thinking procedurally 2.1.4 Thinking logically 2.1.5 Thinking concurrently	Each Unit individually assessed using practice paper questions. If students fall below expectations they will be offered the chance to re-sit the test.	These are extended answers requiring in-depth analysis. Extended answers to include explanation, description and justification.
1b 7 weeks 34_lessons	1.1.1 Structure and function of the processor 1.1.2 Types of processor 1.1.3 Input, output and storage 1.2.1 Systems Software 1.2.2 Applications Generation 1.2.3 Software Development 1.2.4 Types of Programming Language Conclude coursework.	***8/11/21 –mock exams begin (no taught curriculum)*** Each Unit individually assessed using practice paper questions. If students fall below expectations they will be offered the chance to re-sit the test. Coursework assessed by Mr Haysom before final submission.	Knowledge recall style questions.
2a 7 weeks 34_lessons	1.3.1 Compression, Encryption and Hashing 1.3.2 Databases 1.3.3 Networks 1.3.4 Web Technologies 1.4.1 Data Types 1.4.2 Data Structures 1.4.3 Boolean Algebra	Each Unit individually assessed using practice paper questions. If students fall below expectations they will be offered the chance to re-sit the test.	Denary to Hexadecimal to Binary Conversion and Boolean expressions, Flip Flop Charts, mathematical and procedural questions.
2b 5 weeks 24_lessons	2.2.1 Programming techniques 2.2.2 Computational methods 2.3.1 Algorithms Flowchart and Pseudocode recap	Each Unit individually assessed using practice paper questions. If students fall below expectations they will be offered the chance to re-sit the test.	Questions to be answered using either Flow Charts or Pseudocode.
3a 5 weeks 24_lessons	Revision	Continuous assessment using past papers. Student weaknesses identified and supported.	All questions types.