

Summative Assessment Planning Grid



Year 10 Computer Science			
	Summative Assessment 1 (Data for Progress Point 1)	Summative Assessment 2 (Data for Progress Point 2)	Summative Assessment 3 (Data for Progress Point 3)
Assessed Knowledge <i>What is the declarative (essential) knowledge that will be tested in this assessment?</i>	<p>Algorithms</p> <p>Types of algorithm Computational thinking Flowcharts basics Pseudocode basics Relational operators Arithmetic operators</p> <p>Data Representation</p> <p>Binary, denary and hexadecimal bits, bytes, kilobytes, megabytes and gigabytes. Binary addition and shifts Character encoding Representing Images</p>	<p>Previously assessed content plus:</p> <p>Algorithms</p> <p>Flowcharts advanced Pseudocode advanced Searching algorithms Sorting algorithms</p> <p>Programming</p> <p>Variables and constants Annotations Concatenation Inputs and outputs Selection</p> <p>Data Representation</p> <p>Representing sound Compression</p> <p>Systems</p> <p>Boolean logic Systems Architecture. Components of a processor Factors affecting the speed of the CPU Understand and explain the Fetch – Decode – Execute cycle</p>	<p>Previously assessed content plus:</p> <p>Programming</p> <p>Iteration Basic procedures Basic functions Basic string manipulation</p> <p>Systems</p> <p>Classification of software Operating systems Translators</p> <p>Networks</p> <p>Advantages and disadvantages Types of networks Wired vs wireless Topologies Protocols Network security</p>

		Types of memory Main memory Secondary storage	
Method of Assessment	Class Examination	Hall Examination	Class Examination
Dates of Assessment	Week 10 10 th November – 14 th November	Week 25 Monday 16 th March – Friday 27 th March	Week 34 Monday 8 th June – Friday 12 th June

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Year 11 Computer Science			
	Summative Assessment 1 (Data for Progress Point 1)	Summative Assessment 2 (Data for Progress Point 2)	Summative Assessment 3 (Data for Progress Point 3)
Assessed Knowledge <i>What is the declarative (essential) knowledge that will be tested in this assessment?</i>	Previously assessed content plus: Programming Nested iteration Advanced procedures Advanced functions String manipulation Text files Cyber Security Threats Penetration testing Social engineering Malware Security measures	Previously assessed content plus: Programming All aspects of programming will be assessed. Algorithms All aspects of algorithms will be assessed. Relational Databases Database concepts and terms SQL select for retrieving data SQL insert, delete update	
Method of Assessment	Hall Examination	Hall Examination	
Dates of Assessment	Monday 20 th October - Friday 7 th November 2025	Monday 9 th February – Friday 27 th February	

Summative Assessment Planning Grid



Year 10 Digital IT			
	Summative Assessment 1 (Data for Progress Point 1)	Summative Assessment 2 (Data for Progress Point 2)	Summative Assessment 3 (Data for Progress Point 3)
Assessed Knowledge <i>What is the declarative (essential) knowledge that will be tested in this assessment?</i>	Component 2 A1 Characteristics of data and information A2 Representing information A3 Ensuring data is suitable for processing A4 Data collection A5 Quality of information A6 Sectors that use data modelling A7 Threats to individuals B1 Data processing methods B2 Producing a dashboard	Component 2 Final assessment work 30% of final grade. Covers the previously assessed topics plus: C1 Drawing conclusions based on findings in the data C2 How presentation affects understanding	Component 1 A1 User interfaces A2 Audience needs A3 Design principles A4 Designing an efficient user interface B1 Project planning techniques B2 Creating a project proposal and plan B3 Creating an initial design B4 Developing a user interface
Method of Assessment	Class Examination	Class Examination	Class Examination
Dates of Assessment	Week 10 10 th November – 14 th November	Week 25 DATES	Week 34 Monday 8 th June – Friday 12 th June

Summative Assessment Planning Grid



Year 11 Digital IT			
	Summative Assessment 1 (Data for Progress Point 1)	Summative Assessment 2 (Data for Progress Point 2)	Summative Assessment 3 (Data for Progress Point 3)
Assessed Knowledge <i>What is the declarative (essential) knowledge that will be tested in this assessment?</i>	Component 3 A1 Modern technologies A2 Impact of modern technologies B1 Threats to data B2 Prevention and management of threats to data B3 Policy	Component 3 Previously assessed content plus: C1 Responsible use C2 Legal and ethical D1 Forms of notation	
Method of Assessment	Hall Examination	Hall Examination	
Dates of Assessment	Monday 20 th October - Friday 7 th November 2025	Monday 9 th February – Friday 27 th February	