Summative Assessment Planning Grid

KNUTSFORD ACADEMY

Year 7 Computing		
	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 *What is the declarative (essential) knowledge that will be tested in this assessment?*	Navigating the web Search engines Browsers World wide web Internet ISP's (Internet service provider) Phishing Viruses Trojan horses Trolls VPN's Cyber bullying Fake news Anti virus Formatting a document Email File management system Computational thinking Decomposition Abstraction Pattern recognition Algorithm Algorithms with selection Flowchart symbols	Bits and bytes Binary 1 and 0 RAM Computing storage measurements Binary to denary conversion Denary to binary conversion Number bases Binary addition Sign and magnitude ASCII Computer hardware Types of computers Internals of a computer Input and output devices Peripheral devices Wired and wireless devices Cables Fiber optics Types of storage Types of network topology Bandwidth and speed	All previously assessed knowledge plus: Programming with Edublocks Programming with Python Programming concepts: • Inputs • Outputs • Selection • IDLE • Debugging • Arithmetic operators (python) • Variables • Concatenation • Annotating • Math's in programming • Type casting Spreadsheets Excel Cells and rows Basic math's in excel Using formulas (basic)

	Basic flowcharts Debugging		
Method of Assessment	Class Examination	Class Examination	Hall Examination
Dates of Assessment	Week 10-11 Monday 10th November – Friday 14th November	Week 21-22 Monday 9th February – Friday 27th February	Week 33 Monday 1st June – Friday 5th June

Summative Assessment Planning Grid

KNUTSFORD ACADEMY

Year 8 Computing		
	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 *What is the declarative (essential) knowledge that will be tested in this assessment?*	Network topologies digital footprint staying protected online Encryption and decryption Legal, moral and ethical issues Data Representation Binary ASCII Hexadecimal Python- Turtle Python- Iteration	**All previously assessed knowledge plus (due to UI being a practical unit):** Types of user interface Accessibility Demographics Useability Design principles Types of devices and platforms	**All previously assessed knowledge plus:** Emerging technologies AI Robotics 3D printing Hologram technology Flying cars Cyber bullying
Method of Assessment	Class Examination	Class Examination	Hall Examination
Dates of Assessment	Week 10-11 Monday 10th November – Friday 14th November	Week 21-22 Monday 9th February – Friday 27th February	Week 34 Monday 8th June – Friday 12th June

Summative Assessment Planning Grid

KNUTSFORD ACADEMY

Year 9 Computing		
	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 *What is the declarative (essential) knowledge that will be tested in this assessment?*	**Software Development Lifecycle** Analysis of a project Target audience Design principles Wireframes **HTML** Formatting text Adding images Adding hyperlinks Using lists Using tables for formatting	**Data Representation** Representation of text using ASCII including calculating file sizes. Representation of black and white and colour images including calculating file sizes. Representation of digital sounds including calculating file sizes. **Logic Gates** Drawing logic gates for OR, AND and NOT gates Drawing truth tables for OR, AND and NOT gates. **Programming** Programming using selection, iteration and assignment. Programming using the Turtle module.	**All previously assessed knowledge plus:** **Cyber Security** History of cyber security and development of networked computing Social Engineering Malicious code.
Method of Assessment	Class Examination	Class Examination	Hall Examination
Dates of Assessment	Week 10-11 Monday 10th November – Friday 14th November	Week 21-22 Monday 9th February – Friday 27th February	Week 33 Monday 1st June – Friday 5th June