Name: **Class:**

Topic	Grades 3/2/1 - (D/E/F)	Grades 6/5/4 - (B/C)	Grades 9/8/ 7 - (A*/A)
Terminology	• I need support to use the correct terminology	• I sometimes use the correct terminology	• I always use the correct terminology
Encryption Algorithms	• I can participate in practical activities related to Morse code and semaphores • I can use a basic cipher (Caesar Shift)	• I can use a range of ciphers (Substitution, Vigniere, Reverse)	• I can explain and use a wide range of ciphers • I can explain the relevance of ciphers in the modern world (128bit encryption, credit cards, passwords etc.)
Control	• I can write a basic algorithm and create a basic flowchart for a given problem	• I can write an algorithm and create a flowchart for a given problem	• I can independently write an effective algorithm and create an efficient flowchart for a given problem
Web Design	• I can create a basic website in a given software including multimedia and interactive components	• I can create a website in a given software incorporating a range of multimedia, interactive components and advanced features	• I can create a website suitable for purpose and audience in software of my choice incorporating a wide range of multimedia, interactive components and advanced features.
Text Based Programming	• With support, I can create and modify a list/array • With support, I can modify strings (e.g. slicing)	• I can create and modify a list/array • I can modify strings (e.g. slicing)	• I can independently explain, create and modify a list/array • I can independently explain and modify strings (e.g. slicing)
3D Programs (Google SketchUp)	• With support, I can plan and develop an ICT product by using different software together	• I can plan and develop an ICT product by using different software together • I can present information in different ways for a specific purpose and audience	• I can independently plan and develop a well thought-out ICT product by using different software together. • I can present information in a range of ways for a specific purpose and audience.

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	• With support, I can present information in different ways		• I know the benefits and limitations of using ICT both inside and outside school.
Evaluation	• With support, I can identify strengths and weaknesses • I sometimes use the correct terminology in my evaluation • I can collect feedback • I can provide evidence of giving limited feedback to others • I can provide a basic record of my work with limited structure • I can provide evidence of checking my work for errors	• I can identify strengths and weaknesses in my work and recommend improvements • I mostly use the correct terminology in my evaluation • I can use and different methods to collect feedback • I can provide evidence of giving feedback to others • I can organise and structure my work • My work will be mostly free of spelling, punctuation and grammar errors	• I can independently identify strengths and weaknesses in my work and recommend appropriate improvements • I always use the correct terminology in my evaluation • I can independently use and justify different methods to collect feedback • I can provide evidence of giving constructive feedback to others • I can independently organise and structure my work in a coherent manner • My work will be free of spelling, punctuation and grammar errors