ICT and Computing – Y9 Learning Outcomes

Skill	Foundation	Developing	Securing	Exceeding	Excelling
Social Networks	Students will learn about legal safeguards regarding computer use, including overviews of the Computer Misuse Act, Data Protection Act and Copyright Law and their implications for computer use. Phishing scams and other email frauds, hacking, "data harvesting" and identity theft are discussed together with ways of protecting online identity and privacy. This unit is assessed by final exam. 0-20%	21-39%	40%-59%	60-79%	80-100%
Intro to Computing	Students will be introduced to input process output, hardware and software, building techniques, network types, binary and decimal conversions and cryptography. Unit will be assessed by final exam. 0-20%	21-39%	40%-59%	60-79%	80-100%
Photoshop	Has selected multiple images that are suitable for audience and purpose. Has used text effectively.	Has changed saturation, brightened and/or contrast to improve the image. Has used multiple objects that have been edited, grouped and resized. Has selected fonts with care to get a message across.	Has given effective feedback to others. Has effectively used layers. Has used cut-out tools effectively.	Has used white space effectively. Has acted on feedback to improve their image. Has used advanced features of Photoshop.	Has created a series of images that are linked by a common theme.

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Python Next Steps	A few of the original problem tasks have been catered for in the final solution. A few coding techniques have been used with very little understanding. A few of the areas of the solution work as intended.	Most of the original problem tasks have been catered for in the final solution. A few programming techniques have been used with minimal understanding. Some areas of the solution work as intended.	All of the original problem tasks have been catered for in the final solution. The code has been partially annotated. Most programming techniques used show a reasonable understanding. Most areas of the solution work as intended.	The code is mostly annotated. The programming techniques used show a good understanding.	The code is fully annotated. The programming techniques used show a very good understanding.
Gamemaker	Has created a game with a moving player, obstacles with limited assistance. Has created an object that the player can collect. Has created a start screen.	Has created enemies that move around the game. Has created an object that can be picked up and carried. Has created an action which finishes the game. Has created a game that is error free.	Has used variables to control movement. Has created projectiles that destroy after a time limit. Has created lives.	Has improved the game based on feedback. Has shown evidence of debugging. Has created a game with more than one player.	Has programmed a win and lose screen. Has added additional game features.
Advanced Web Design	Has edited basic HTML to change the content of a web page. Has changed basic CSS to alter the appearance of a web page. Has created more than one web page.	Has written basic HTML to create a webpage from scratch. Has used basic CSS to control the appearance of a web page. Has changed the width settings of the webpage to percentages to make it more responsive.	Has added links to other pages and has tested that they work. Has added a web form to one page.	Has created DIV tags to separate areas of a web page. Has used CSS to control the appearance of DIV sections of HTML. Has added links to external sites.	Has added a footer section to the webpage.