Queen's Park High School   Key Stage 3 Assessment   Computing & ICT   IA6 target _____

Year 9	Working Towards	Evidence	Meeting	Evidence	Exceeding	Evidence
Information Technology	I can collect, organise and present data and information in digital content.		I can create digital content to achieve a given goal through combining software packages and internet services to communicate with a wider audience.		I can make appropriate improvements to solutions based on feedback received, and can comment on the success the solution.	
Algorithms	I can design solutions (algorithms) that use repetition and two-way selection i.e. if, then and else.		I can use diagrams to express solutions.		I can use logical reasoning to predict outputs, showing an awareness of inputs.	
Programming& Development	I can create programs that implement algorithms to achieve given goals.		I can declare and assign variables.		I can use post-tested loops e.g. 'until', and a sequence of selection statements in programs, including an if, then and else statement.	
Data & Data Representation	I can perform more complex searches for information e.g. using Boolean and relational operators.		Analyses and evaluates data and information, and I know that poor quality data leads to unreliable results, and inaccurate conclusions.		I can define data types: real numbers and Boolean.	
Hardware & Processing	I know the function of the main internal parts of basic computer architecture.		I know the concepts behind the fetch-execute cycle.		I know that there is a range of operating systems and application software for the same hardware.	
Communication & Networks	I know how to effectively use search engines, and I know how search results are selected		Selects, combines and I can use internet services.		I can show responsible use of technologies and online services, and I know a range of ways to report concerns.	
Year 8	Working Towards	Evidence	Meeting	Evidence	Exceeding	Evidence
Information Technology	I can use technology with increasing independence to purposefully organise digital content.		I can use a variety of software to manipulate and present digital content: and information		I can talk about my work and make improvements to solutions based on feedback received.	
Algorithms	I know that algorithms are implemented on digital devices as programs.		I can design simple algorithms using loops, and selection i.e. of statements		I can find and correct errors i.e. debugging, in algorithms.	
Spreadsheets	I can answer questions on the environmental calculator.		I can successfully plan out and create the environmental calculator spreadsheet in Microsoft excel.		I can create a detailed report to explain how my spreadsheet works.	
Leaflet Design	I can plan out what information I want to include on my leaflet.		I can design a leaflet which is clear and has relevant information on it.		I have designed a creative leaflet, that includes a variety of design features.	
Website Design	I can plan out what information I want to include on my website.		I can design a website which is clear and has relevant information on it.		I have designed a website that has detailed content on each webpage, with a range of features.	
Report for Website	I know what information that I need to include in my report for my website.		I have included the relevant content on my report for my website with explanations.		I have created a detailed report, which includes a clear overview of the content and features on each webpage.	
Year 7	Working Towards	Evidence	Meeting	Evidence	Exceeding	Evidence
Information Technology	I can use software under the control of the teacher to create, store and edit digital content using appropriate file and folder names.		I can share my use of technology in school. I know common uses of information technology beyond the classroom.		I can talk about my work and make changes to improve it.	
Algorithms	I know what an algorithm is and I can express simple algorithms using symbols.		I know that computers need precise instructions.		I can show care and precision to avoid errors.	
Spreadsheets	I understand what a spreadsheet is.		I can edit a spreadsheet to work out calculations by creating formulas.		I can create a detailed report for the spreadsheet to explain how it works and also what the outcome is.	
Poster Design	I can plan out what information I want to include on my poster.		I can design a poster which is clear and has relevant information on it.		I have designed a creative poster, that includes a variety of design features.	
Game Design	I can plan out what information I want to include on for my game.		I can design a game using Scratch software, using relevant code that works correctly.		I can develop my game by creating different levels to make it more challenging for the user.	
Report for Game	I know what information that I need to include in my report for my game.		I have included the relevant content on my report for my game with explanations.		I can create a detailed report, explaining all the various code and showing a clear understanding of what the code does.	