

Subject: Computing	Year: 8
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INTENT

In Year 8 we further the students’ skills in a range of computing software, such as Digital graphics, PowerPoint, python, word and spreadsheets. Students will continue to learn and build further skills from Year 7 on how computers work and components that make a computer. Students will be exposed to a range of subject specific terminology and will learn how to use this accurately and appropriately.

IMPLEMENTATION

The Computing Department at BGN aims to inspire and develop awareness of technology and its surrounding issues. Students are encouraged to use and become confident in a range of software. In Year 8 many types of software are revisited, and students are taught to further develop their skills to use the software confidently. Some of the software is revisited Year 9 to build on the level of skill, confidence, and ability to produce high quality work.

Overview of Year – Topic area and Assessment	Term 1								Term 2							Term 3						Term 4							Term 5						Term 6					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	
	Computing Components: <ul style="list-style-type: none"> • Computer hardware • Measuring computer performance • Computer peripherals • Storage devices/media • The Internet of Things 								PhotoPlus Image Editing: <ul style="list-style-type: none"> • Introduction to Serif PhotoPlus • Filters and adjustments • Cloning and warping • Line and Text • Create own image • Own image review 							Programming – Python Selection: <ul style="list-style-type: none"> • Selection • Decisions based on calculations • If else • Comparing strings and numbers • Elif • Multiple elifs 						Internet Safety Cyber Security and Encryption: <ul style="list-style-type: none"> • Digital footprint • Passwords and phishing • Malware • Encryption • Automating encryption • Keeping yourself safe online 							Databases Introduction: <ul style="list-style-type: none"> • Create a Database • Create Data Entry Forms • Filters and sorting • Queries • Advanced Queries 						Multimedia – Interactive PowerPoint Project: <ul style="list-style-type: none"> • Create Interactive Presentation • Add graphics and animations to an interactive presentation • Create choices of path within an interactive presentation • : Create / add audio to an interactive presentation • showcase interactive information point 					

IMPACT				
	Topic	Assessment Method	Mark Sch / Grade Boundaries	Knowledge / Skills / Understanding To be shared with students
Topic, Assessment, Readiness	On a termly basis	<p>Through observation of confidence and ability to access and compete all skills. The ability to access classwork and homework on the VLE. To be able to hand in work on the VLE.</p> <p>Multiple choice tests will be set at the end of units. Students receive instant notification of grade achieved.</p>	Assessed work given a grade 1-9 and FAR marking on assessed piece of work at the end of the unit.	Assessed work will be graded and shared on the VLE. FAR marking on assessed task at the end of the unit. Students will be expected to respond to feedback and carry out any improvements that are required.