SIR GRAHAM BALFOUR SCHOOL

CURRICULUM OVERVIEW – KEY STAGE 3 COMPUTING

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	**e-Safety** • File management • Social networking • Data security • Using email • Searching the web			**Scratch** • Introduction • Sequence & Variables • Selection • Operators • Loops		
Year 8	**e-Safety** • Online safety **Python Programming** • Printing & syntax • Comments, variables • Selection & branching • Iteration • Quiz			**Understanding Computers** • Elements of a Computer • The CPU • Understanding Binary • Binary Addition • Storage Devices • Converge of new technologies		
Year 9	**e-Safety** • Socialising online **Advanced Python Programming** • Retrieval of skills • Iteration • CSV files reading • Writing to files • Procedures & Functions			**Spreadsheets** • What is a Spreadsheet? • Formulas • Graphs & Charts • Formatting • Functions -Basic • Functions - Advanced		