

Curriculum Plan for Computer Science

	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Year 7	<p>E-safety, Security and Ethics</p> <ul style="list-style-type: none"> - Cyberbullying - Trillion Dollar footprint - Private today, public tomorrow - Copyrights 	<p>Understanding Computers</p> <ul style="list-style-type: none"> - Electronic computers - Moore's Law - Hardware & software 	<p>Data Representation in Computers</p> <ul style="list-style-type: none"> - Data in computers 	<p>Programming</p> <ul style="list-style-type: none"> - Scratch - Arithmetic - Algorithms - White loops 	<p>Spreadsheets</p> <ul style="list-style-type: none"> - Spreadsheet data and manipulation 	<p>Collaborative Project</p> <ul style="list-style-type: none"> - Search engines - Group project
Year 8	<p>Computing in the wider context</p> <ul style="list-style-type: none"> - Digital footprint - Personal Information - Copyright & Piracy 	<p>Understanding Computers</p> <ul style="list-style-type: none"> - Input / Output - CPU - Devices 	<p>How data is represented in computers</p> <ul style="list-style-type: none"> - Boolean Logic - Binary operations 	<p>Programming</p> <ul style="list-style-type: none"> - Python - Writing Algorithms - While Loops 	<p>Databases</p> <ul style="list-style-type: none"> - Tables - Queries - Forms & Reports 	<p>Collaborative Project</p> <ul style="list-style-type: none"> - Planning - Use of search engines - Research
Year 9	<p>EDEXCEL GCSE course (Details to follow)</p>					