



# IT & Computing

## KS3 Learning Journey



	Year 7	Year 8	Year 9
<b>Term 1</b>	<b>Kodu</b> Gaming (build a world) and program the characters	<b>App design and implementation</b> Design, make and use apps online and test them on your mobile device	<b>Google Sketchup</b> Design a house using 3D modelling software
<b>Half Term</b>			
<b>Term 2</b>	<b>Touch Typing</b> Beginner course in touch typing	<b>Touch Typing</b> Intermediate / Advanced touch typing course	<b>Micro Pet Project</b> Programming the BBC Microbit to make a pet that reacts with human interaction
<b>Christmas Holiday</b>			
<b>Term 3</b>	<b>Webpage Creation</b> Designing and creating webpages using HTML code	<b>Python intro</b> Programming in a higher level text based programming language	<b>Cyber Security</b> A look inside the computer and and what all of the components do
<b>Half Term</b>			
<b>Term 4</b>	<b>How computers work</b> A basic look inside the computer and and what all of the components do	<b>Computing Hardware / Software</b> A look inside the computer and and what all of the components do	<b>Entry Level Computing</b> Learning essential cyber security knowledge and skills to enable you to better protect your digital life.
<b>Easter Holiday</b>			
<b>Term 5</b>	<b>Microsoft Office Skills</b> Using Microsoft Word and Microsoft PowerPoint to a competent level (foundations of KS)	<b>Key Skills Project</b> A project preparing students for their key skills qualification in year 9	<b>Key Skills Qualification</b> A key skills qualification endorsed by the school, awarded to students on completion
<b>Half Term</b>			
<b>Term 6</b>	<b>Microsoft Excel Skills</b> Using Microsoft Excel to a competent level (foundations of KS)	<b>Blender Graphics</b> Using computer graphics software (Blender), for creating animated films and visual effects	<b>Programming Project</b> Putting a higher level text based programming language into practice