



Computing

	Content
Year 7 HT1	What makes a secure password, setting strong passwords. Classroom specific rules. Respectful communication and sending emails. E-safety and using the internet. Creating Presentations and submitting work. Programming concepts such as algorithms & sequence, variables, selection, iteration, explored using Scratch
Year 7 HT2	
Year 7 HT3	
Year 7 HT4	
Year 7 HT5	
Year 7 HT6	
Year 8 HT1	Students will learn how binary, images and emojis are stored in a computer. Students will familiarize themselves with text based programming using the Micro:bit Python editor, which will allow them to explore and create their own programs to be displayed on Micro:Bits. Students explore animation theory and techniques, which are then applied to create a portfolio featuring a variety of 2D animations.
Year 8 HT2	
Year 8 HT3	
Year 8 HT4	
Year 8 HT5	
Year 8 HT6	
Year 9 HT1	Students will learn about cyber security, threats and preventions. Students will understand the term 'Machine Learning' and how it might be implemented in everyday life. Students will study industry standard programming in Python and apply their skills by creating a variety of algorithms. Students will utilize widely used graphic design software to edit and create images.
Year 9 HT2	
Year 9 HT3	
Year 9 HT4	
Year 9 HT5	
Year 9 HT6	