

Curriculum Map: IT KS3

Subject Coordinator(s): Glenn Tyreman

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Introduction to ICT. How to save and organise files. Algorithms and programming beebots / probots.	Photo editing skills including removing backgrounds and merging images.	Blue Planet Documentary Video Editing Project.	Computer Technology. A look at computer systems, inputs and outputs. Devices and the uses.	Weather Project. Desk Top Publishing and using the internet to collect data and resources.	E-Safety – Chat Rooms, CEOPS, Sharing Information. Stranger Danger and cyberbullying.
8	Computer Science. Flowcharts, Using Flowol to solve problems.	Web Site Design and looking at how web site are used. House Project	The use of 3d design software to create a modern home.	Introduction to cartoon making on toony tool or PowerPoint. Then edit to a movie and add special effects.	Coding. Microbits and using technology to solve problems.	E-Safety – Sexting and the dangers of sending material online that is illegal.
9	E-Safety – Catfish. Awareness of fake accounts and clone accounts. How to spot fake accounts and report them. The law around fake profiles.	Scratch Coding Project. Building a game online using the scratch software.	Scratch Coding Project. Building a game online using the scratch software	Computer Science. Viruses, Networks, Using Binary and coding and Logic Gates	Screen Free. Looking at the dangers of too much screen time. Social, Mental and Physical problems and seeking alternatives.	Introduction to AI. Using AI to create images. The dangers of AI. The benefits. Looking at fake news and the impacts.