KEY STAGE 3 – YEAR 7 – COMPUTER SCIENCE

CURRICULUM MAP

Autumn Term		Spring Term		Summer Term	
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Key Themes	**Key Themes**	**Key Themes**	**Key Themes**	**Key Themes**	**Key Themes**
Impact of Technology and Collaborating online Respectfully • Importance of STRONG passwords • How to use documents and applications effectively • How to write effective and respectful emails • Making use of powerpoint to present information to the rest of the class. • The effects of cyberbullying on others. • How to be safe and cautious when online.	**Networks, from semaphores to the Internet** • What are networks and protocols and how do they connect other devices globally. • The hardware necessary to connect networks • Both wired and wireless networks, the differences between them. • The internet and how data travels along it. • How services are provided on the internet, how it affects our day to day. • World Wide Web and how it all works together.	**Gaining Support for a Cause** • The features and how to utilise a word processor. • Licencing appropriate images to support the cause • How to check for trustworthiness/credibility of sources. • The value of citations and evaluating online sources. What is plagiarism. • Planning, researching and writing a blog in support for a cause.	**Programming essentials in Scratch_ part I**	**Programming essentials in Scratch_ part II**	**Modelling Data - Spreadsheets**
Assessment / Composite Tasks	**Assessment / Composite Tasks**	**Assessment / Composite Tasks**	**Assessment / Composite Tasks**	**Assessment / Composite Tasks**	**Assessment / Composite Tasks**
Group presentation End of unit summative assessment	**Network tasks** End of unit summative assessment	**Creating an effective blog** End of unit summative assessment	**Scratch program** End of unit summative assessment	**Scratch program** End of unit summative assessment	**Spreadsheet task** End of unit summative assessment