Computing Overview KS1

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Ourselves Linked to the stories covered in Literacy, children will complete a digital painting learning mouse and keyboard skills.	Senses Linked to RE, children will have the opportunity to create a digital greetings card for a festival they celebrate or a thank you card.	Let's Explore Linked to History, children will continue practising and enhancing their skills with digital painting and typing information for a purpose. Children will create fact files about transport in the past and present.	Animals Children will learn about algorithms, write their own, find bugs and debug these. They will then apply all these skills to program a Beebot to follow a route.	Where We Live Children apply their knowledge of algorithms, bugs, debugging and directions to debug simple programs.	Green Fingers Children apply their knowledge of algorithms, bugs and debugging to create simple programs.
E-Safety	**Jessie & Friends - Episode 1** To know to go to a responsible adult if they feel in danger.	**Jessie & Friends – Episode 2** To understand the benefits of IT and use it responsibly (sharing).	**Barefoot computing - Safety snakes** Staying safe online dos and don'ts.	**E-safety: Jessie & Friends – Episode 3** Use the internet safely (whilst playing games).	**Chicken Clicking book.** Use the internet safely (being responsible).	**Smartie the penguin book.** Use the internet safely (being responsible, to know adults we can share worries with).
Year 2	Keeping Healthy Linked to Science, children will create information sheets about food groups, the importance of washing hands and complete quizzes related to this topic.	The Great Fire of London Linked to History, children will type a recount of the Great Fire of London and the impact. All prior skills will be revisited with a focus on saving and retrieving work to edit.	Journeys Linked to Maths, children will collect data to create bar charts and pictograms to present their findings.	Green Spaces Children apply their coding knowledge to debug simple programs.	Iron Man Children apply their knowledge of algorithms, bugs and debugging to create simple programs including inputs such as sounds and buttons.	Around the World Linked to Geography, children will research on a web browser to create fact files on word processor about each continent, incorporating all taught skills to present these.
E-Safety	**E-safety: Chicken Clicking book.** Use the internet safely (being responsible).	**Smartie the penguin story, lesson 1** Use the internet safely (being responsible, to know adults we can share worries with).	**Smartie the penguin, lesson 2** Use the internet safely (being responsible, follow up activities).	**NSPCC: Pantosaurus**	**BBC Own IT: Digital Footprint: What is it and why should I care?**	**1decision Our World, p40-42**