

Computing LTP 2021-22

		Autumn term 1	Autumn term 2	Spring term 1	Spring term 2	Summer term 1	Summer term 2
EYFS	Computing	Cause and effect - links to Science.	Cause and effect - links to Science - things that light up: buttons and switches. Bee-bots.	Touch-screen technology - ipads to record activities, develop understanding of using smartboards	Using technology to play simple games to support learning. Bee-bots, ipads and smartboards.	What is the internet and how to use it safely. Reception also introduction to PCs in ICT suite.	Using the internet to find information. Review e-safety. Reception log on with support and create pictures on simple programme on PCs.
	E-safety	Simple safety rules for using technological equipment in school, and who to tell if worried. <i>Content will be appropriate to equipment and activities introduced, and age and stage of the children, but e-safety elements will be specifically taught each half term.</i>					
Year 1	Computing	Grouping and sorting		Lego builders		Coding	
	E-safety	1-Internet safety - learn about exciting places online whilst remaining safe	2-Information literacy - searching the internet	3-Privacy & security - handling requests for personal information from online sites	4-Information Literacy & Copyright / creative credit - taking ownership of their digital work, putting name and date on.	5 - relationships & communication - how emails can help connect families and communities.	
	Basic Skills	Introduction to Microsoft word		Spreadsheets			
Year 2	Computing	Questioning		Effective searching		Making music	
	E-safety	1-Internet safety - choosing appropriate websites and avoiding unsuitable ones	2-Digital footprint & reputation / privacy and security - nothing is completely deleted online and managing their digital footprint	3-Cyberbullying / Relationships & communication - explore meaning of cyberbullying and how to react if they encounter it	4-Information Literacy - keyword searching as effect method to locate information online	5-Information Literacy - criteria for rating informal websites and impact of using poor quality websites and information.	

	Basic Skills	Opening Microsoft word Basic typing	Changing font and size Changing colour of text	Saving a document in a specific style Opening an existing document	Revisit - spreadsheets		
Year 3	Computing	Coding		Email		Simulations	
	E-safety	1-Privacy & security - use of passwords and creating strong, secure passwords	2 - Relationships & communication - how online communications can bring communities and people together	3-Information Literacy- examine product websites and how their purpose is to sell items.	4-Relationship & communication - compare in-person and online communications and how to write clear, respectful messages online.	5-Relationships & communication - effective communication via email - the purpose and audience applicable to their tone.	
	Basic Skills	Inserting a picture	Aligning text	Undo button	Spread sheets progression		
Year 4	Computing	Animation		Logo		Effective searching	
	E-safety	1-Self image & identity and Relationships & communication - responsible and respectful offline and online	2-Privacy&security and information literacy - protecting identity from online theft, sharing information online.	3- Internet safety & cyberbullying - what actions can they take to stand up to cyberbullies	4 - Information literacy - strategies to increase accuracy of searches.	5- Creative credit & copyright / information literacy - using copy righted work is plagiarism - when and how its okay to use the work of others.	
	Basic Skills	(All of the above) Inserting and using a table					
Year 5	Computing	Coding		Databases		Game creator	
	E-safety	1-privacy & security - creating strong, secure password to increase online protection	2-relationships & communication / self image & identity - common expectations to create a strong digital community.	3-Privacy & security - what spam is and what form it takes. Strategies in dealing with spam.	4-Information literacy - importance in citing sources when doing research. Writing bibliographical	5-Creative credit & copyright / information literacy / self image & identity - how photos can be altered online, the distortion of beauty	

					citations for online sources	and health through image manipulation.	
	Basic Skills	(All of the above) Using spell checker					
Year 6	Computing	Blogging		Coding		Quizzing	
	E-safety	1-Internet safety / relationships & communication - developing rewarding relationship online but not revealing private information.	2- Relationships & communication / self image and identify - how to help resolve poor digital citizenship if they witness it	3 - Privacy & security - identify secure sites looking at privacy policies and settings	4 - Cyberbullying / Relationships & communication - strategies to deal with cyberbullying and comparison with in person bullying	5 - Information literacy / self image & identity - explore the powerful role media plays in shaping our ideas.	
	Basic Skills	(All of the above) Using thesaurus tool					