Computing Curriculum Overview

	Autumn				Spring				Summer			
	Term 1		Term 2		Term 3		Term 4		Term 5		Term 6	
Year 1 And 2	**Year A** Computing Algorithms *Using programmable toys*	**Year B** Computing Algorithms *Using video cameras*	**Year A** Information technology Internet safety *Finding images on the web*	**Year B** Information technology Computer software programmes *Creating a talking book*	**Year A** Information technology Computer software programmes *Creating illustrations*	**Year B** Information technology Computer software programmes *Creating a digital greeting card*	**Year A** Computing Algorithms Creating computer games	**Year B** Information technology Internet Safety Researching topics	**Year A** Information Technology Using digital content Taking photographs	**Year B** Computing Algorithms and programming Programming a sprite	**Year A** Information Technology Internet use Sending and receiving emails	**Year B** Information technology Computer software programmes Collecting and presenting data
Year 3 and 4	**Year A** Computing Algorithms and programming *Programming animations*	**Year B** Computing Debugging *Fixing computer bug problems*	**Year A** Information Technology Using digital content *Creating videos*	**Year B** Information Technology Internet use and using digital content *Creating Vlogs*	**Year A** Information technology Internet use and safety *Using email and video conferences safely*	**Year B** Information technology Internet use and safety *Using opinion polls*	**Year A** Information technology Internet use and safety *Using opinion polls*	**Year B** Computing Algorithms, programming, debugging, *Creating software using a variety of programmes - scratch*	**Year A** Information technology Internet use and safety *Using HTLMs*	**Year B** Computing Algorithms, programming, debugging, *Creating software using a variety of programmes - audacity*	**Year A** Information technology Communicating through IT *Proof reading and feedback, Wikis*	**Year B** Information technology Using digital programmes *Using spread sheets*
Year 5	**Computing** Algorithms, programming, debugging,using logical reasoning *Developing computer games*		**Information Technology** CAD *Use CAD to create simple designs*		**Information technology** Computer aided art *Use programmes to create computer aided art*		**Information technology** security settings *Using encryption and passwords*		**Information technology** Internet use and safety *Creating web pages*		**Information technology** Use digital content *Create blogs*	
Year 6	**Computing** Algorithms, debugging logical reasoning *Creating computer programmes*		**Computing** Algorithms, debugging logical reasoning *Thinking computationally*		**Information Technology** Use digital content *Online publishing*		**Information technology** Internet use and safety *Researching and writing travel blogs*		**Information technology** Internet use and safety *Using the internet to advertise*		**Computing** Use digital content *Using a range of networks*	

Empathy	Honesty	Respect	Responsibility