KS1 Computing Curriculum		
Computer Science *(How computers and computer systems work and how they are designed and programmed)*	**Information Technology** *(the purposeful use of existing programs to develop products and solutions)*	**Digital Literacy** *(the skills, knowledge and understanding needed in order to participate fully and safely in an increasingly digital world)*
A- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions		
B- create and debug simple programs		
C- use logical reasoning to predict the behaviour of simple programs		
D- use technology purposefully to create, organise, store, manipulate and retrieve digital content		
E- recognise common uses of information technology beyond school		
F- use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies		

Long Term Plan

Year		Term 1	Term 2	Term 3 (Science week)	Term 4	Term 5	Term 6
1	CS	Prog B – Yr 1 Scratch jnr ABC				Espresso Coding – unit 1a On The Move (Espresso)	
	IT	Yr 1 - What is a computer – diff comps around – bbc 'what is a computer' or lesson 1 yr 1 computer systems and networks	Chrome music lab – yr 2 ncce unit	Painting and Computing (Twinkl)	Plant Poster on Ipad		Word Processing Skills (Twinkl)
	DL	PSHE - Privacy and security/online bullying/ Self-image and identity (links to antibullying and online safety week)		Copyright and ownership PSHE link - Health, well-being and lifestyle Self-image and identity (wellbeing week)	Online relationships	Health, well-being and lifestyle Self-image and identity (wellbeing week)	Managing online information Online reputation
2	CS	Prog B – Yr 2 Scratch jnr		Espresso Coding (unit 2a)			
	IT	Computer art (paint) (1/2)	PowerPoint – Using the Internet / Presentation skills Yr 2 - Tech beyond		Ipad Photos - Passport What are computers – progression of	PowerPoint (African Animals)	Using Excel – Creating a tally

			school http://code-it.co.uk/ks1/supermarket/supermarket		comps		
	DL	Privacy and security/ online bullying / Self-image and identity

(links to antibullying and online safety week) | Managing online information
PSHE link – safety | PSHE link - VIPs – knowing who is important and we can trust and talk to, on and offline. | | Copyright and ownership / health, Self-image and identity wellbeing and lifestyle (wellbeing week) | Online reputation
Online relationships |