



# LONG TERM CURRICULUM OVERVIEW – COMPUTING

	AUTUMN		SPRING		SUMMER						
FS2	<b>Computer discovery</b> How to use apps and exploring technology		<b>Online Safety</b> Smartie the Penguin	<b>Multimedia</b> Purple Mash mashcam	<b>Computer Science</b> Beebot						
YEAR 1	<b>Digital Literacy</b> <b>Online Safety</b> Can I use technology safely and responsibly?	<b>Computer Science</b> Can I read and use block coding?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information Technology - animation</b> Can I animate a story with sound?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information Technology - Data</b> How can data be represented?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Computer Science</b> Can I use direction keys to make a simple program?		
YEAR 2	<b>Digital Literacy</b> <b>Online Safety</b> Can I use technology safely and responsibly?	<b>Computer Science</b> Can I create a program that tells a story?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information Technology - multimedia</b> How should I present my	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information Technology - Data</b> How can data be represented?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Computer Science</b> Can I create my own program and debug it?	
YEAR 3	<b>Digital Literacy</b> <b>Online Safety</b> Can I use technology safely and responsibly?	<b>Computer Science</b> Can I use more than output to control a lighthouse?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information Technology</b> <b>What is desktop publishing?</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information technology – animation</b> Can I create my own animation?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information Technology - Data</b> Can I use formulas in Microsoft Excel?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Computer Science</b> Can I create my own program using conditions?
YEAR 4	<b>Digital Literacy</b> Can I use technology safely and responsibly?	<b>Computer Science</b> Can I control a game using a flowchart?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information Technology - multimedia</b> What is CAD and how do I use it?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information Technology – multimedia</b> How do I know if information and images are reliable?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Computer Science</b> Can I create a game using variables?	
YEAR 5	<b>Digital Literacy</b> Can I use technology safely and responsibly?	<b>Computer Science</b> Can I control moving toys using subroutines and multiple outputs?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Information Technology - multimedia</b> Can I design my app?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>IT - Data</b> Can I present my findings from a real-life database?	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Computer Science</b> Can I use a Micro:bit as a counting device?	
YEAR 6	<b>Digital Literacy</b> Can I use technology safely and responsibly?	<b>Computer Science</b> Can I use conditional statements to control a rain simulation?	<b>Digital Literacy</b> <b>Online Safety</b>		<b>Information Technology - Data</b> Can I solve problems using excel?		<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Digital Literacy</b> <b>Online Safety</b>	<b>Computer Science</b> Can I use a Micro:bit as a step counter?	