

## Computing curriculum LTP

<b>Cycle</b> <b>A</b>	<b>Autumn</b>			<b>Spring</b>		<b>Summer</b>	
	<b>IT</b>	<b>CS</b>	<b>IT</b>	<b>CS</b>	<b>IT</b>	<b>CS</b>	
	<b>Key skills Presenting</b>	<b>Computational thinking/ programming</b>	<b>Key skills Publishing</b>	<b>Computational thinking/ programming</b>	<b>Search engines and critical thinking</b>	<b>Hardware/ Networks/ Data representation)</b>	
<b>Class 1</b> areas may be taught in different sequence to suit topics)	Reception - mouse control (painting),  Y1 Keyboard skills  Sending email and searching on Swiggle	Reception – Code and Go Robot mouse  Y1 - Beebot programming	Reception - Photo capture  Y1- Photo capture and editing	Reception/ Y1 - Deconstructing electrical equipment	Reception- Data  Y1 - Data	Reception – Kodable  Y1 - Scratch Jr	
<b>Digital Literacy</b>	Self –image and identity/ Online reputation		Health, wellbeing and lifestyle		Managing online information		
<b>Class 2</b>	Presentations skills	Turtle Logo	Drawing and desktop publishing	Scratch – smoking car game tinkering	Using the internet - internet research and communication	Networks	
<b>Digital Literacy</b>	Self –image and identity/ Online reputation		Health, wellbeing and lifestyle		Managing online information		
<b>Class 3</b>	Presentation skills	Kodu Interactive walkthrough	Hyperlinks and webpages	Scratch – animation	Search engines	HTML	
<b>Digital Literacy</b>	Self –image and identity/ Online reputation		Health, wellbeing and lifestyle		Managing online information		
<b>Class 4</b>	Word processing and presenting. Showcase of skills	Kodu – Make a scoring system game	Spreadsheets and Big Data – barcodes and QR codes	Crumble controller Physical coding Fairground ride.  Etx: Sensors	Video editing inc managing online information strand advertising	Scratch app Code-it Gold Apps Placeholder plan	
<b>Digital Literacy</b>	Online relationships and online bullying Self-image and identify		Copyright and ownership Health, wellbeing and lifestyle		Privacy and security Managing online information Online reputation		

## Computing curriculum LTP

<b>Cycle B</b>	<b><u>Autumn</u></b>		<b><u>Spring</u></b>		<b><u>Summer</u></b>	
	<b>IT</b>	<b>CS</b>	<b>IT</b>	<b>CS</b>	<b>IT</b>	<b>CS</b>
	<b>Key skills Processing</b>	<b>Computational thinking/ programming</b>	<b>Data</b>	<b>Computational thinking/ programming (C1 – hardware)</b>	<b>Photo/ Video – Digital art</b>	<b>Computational thinking/ programming</b>
<b>Class 1</b> (areas may be taught in different sequence to suit topics)	Reception - mouse control (painting),  Y1 Keyboard skills  Sending email and searching on Swiggle	Reception – Code and Go Robot mouse  Y1 - Beebot programming	Reception - Photo capture  Y1- Photo capture and editing	Reception/ Y1 - Deconstructing electrical equipment	Reception- Data  Y1 - Data	Reception – Kodable  Y1 - Scratch Jr
<b>Digital Literacy</b>	Online relationships and online bullying		Copyright and ownership		Privacy and security	
<b>Class 2</b>	Word processing and mouse control	Crumble Controller  Physical coding light sequences	Databases – Top Trumps	Scratch – loops	Stop motion	Kodu  Create a world to move round
<b>Digital Literacy</b>	Online relationships and online bullying		Copyright and ownership		Privacy and security	
<b>Class 3</b>	Word processing	Scratch maze	Spreadsheets  Formatting and basic formula	Crumble controller Physical coding motors	Book trailers / animation	Scratch app Cold it Gold Wizards choice
<b>Digital Literacy</b>	Online relationships and online bullying		Copyright and ownership		Privacy and security	
<b>Class 4</b>	Word processing and presenting. Showcase of skills	Kodu – Make a scoring system game	Spreadsheets and Big Data – barcodes and QR codes	Crumble controller Physical coding Fairground ride.  Etx: Sensors	Video editing inc managing online information strand advertising	Scratch app Code-it Gold Apps Placeholder plan
<b>Digital Literacy</b>	Online relationships and online bullying Self-image and identify		Copyright and ownership Health, wellbeing and lifestyle		Privacy and security Managing online information Online reputation	