

## Reception (Computer Science / Digital Literacy / Information Technology)

Autumn	Online Safety Project Evolve	Digital Literacy Exploring the technology in Reception	Creating Media Choosing and using tools in art applications	Half Term	Online Safety Project Evolve	Computational Thinking Skills Barefoot Awesome Autumn	Creating Media Using art tools to draw a winter picture
Spring	Online Safety Project Evolve	Creating Media Using iPads to take pictures of our work/classroom	Computational Thinking Skills Exploring Beebots		Online Safety Project Evolve	Creating Media Using technology to help with handwriting	Computational Thinking Skills Barefoot Spring
Summer	Online Safety Project Evolve	Data and Information Collecting information on iPad	Computational Thinking Skills Barefoot Summer		Online Safety Project Evolve	Information Technology Creating Media Digital self-portrait	Digital Literacy Type my name with a keyboard

## Year 1 (Computer Science / Digital Literacy / Information Technology)

Autumn	<b>Computer Systems and Networks</b> Technology around us	Half Term	<b>Creating Media</b> Digital writing
	<b>Online Safety with <i>Project Evolve</i></b>		<b>Online Safety with <i>Project Evolve</i></b>
	<b>Computational Thinking Skills</b>		<b>Computational Thinking Skills</b>
Spring	<b>Data and Information</b> Grouping data		<b>Programming A</b> Moving a robot Knowledge: Sequence
	<b>Online Safety with <i>Project Evolve</i></b>		<b>Online Safety with <i>Project Evolve</i></b>
	<b>Computational Thinking Skills</b>		<b>Computational Thinking Skills</b>
Summer	<b>Programming B</b> Introduction to animation Key knowledge: Sequence		<b>Creating Media</b> Digital painting
	<b>Online Safety with <i>Project Evolve</i></b>		<b>Online Safety with <i>Project Evolve</i></b>
	<b>Computational Thinking Skills</b>		<b>Computational Thinking Skills</b>

## Year 2 (Computer Science / Digital Literacy / Information Technology)

Autumn	Computer systems and networks IT around us	Half Term	Creating Media Digital photography
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>
	Computational Thinking Skills		Computational Thinking Skills
Spring	Data and Information Pictograms		Programming A Robot algorithms Key knowledge: Algorithm
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>
	Computational Thinking Skills		Computational Thinking Skills
Summer	Programming B An introduction to quizzes Key knowledge: Algorithm		Creating Media Making music
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>
	Computational Thinking Skills		Computational Thinking Skills

## Year 3 (Computer Science / Digital Literacy / Information Technology)

Autumn	Chromebooks, Typing and the Internet	Half Term	Creating Media Animation		
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>		
	Computational Thinking Skills		Computational Thinking Skills		
Spring	Data and Information Branching databases		Programming A Sequence in music Key knowledge: Sequence		
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>		
	Computational Thinking Skills		Computational Thinking Skills		
Summer	Programming B Events and actions Key knowledge: Sequence		Searching (1 Week) Being selective when using digital content Saving and importing images / using QR codes	Creating Media Desktop publishing	
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>		
	Computational Thinking Skills		Computational Thinking Skills		

## Year 4 (Computer Science / Digital Literacy / Information Technology)

Autumn	<b>Computer Systems and Networks</b> The Internet	Half Term	<b>Creating Media</b> Audio editing / Radio technology		
	<b>Online Safety with <i>Project Evolve</i></b>		<b>Online Safety with <i>Project Evolve</i></b>		
	<b>Computational Thinking Skills</b>		<b>Computational Thinking Skills</b>		
Spring	<b>Data and Information</b> Data logging		<b>Programming A</b> Repetition in shapes Key knowledge: Repetition		
	<b>Online Safety with <i>Project Evolve</i></b>		<b>Online Safety with <i>Project Evolve</i></b>		
	<b>Computational Thinking Skills</b>		<b>Computational Thinking Skills</b>		
Summer	<b>Programming B</b> Repetition in games Key knowledge: Repetition		<b>Searching (1 Week)</b> Appreciate how search results are ranked. Spider Programs (Google)	<b>Creating Media</b> Photo editing	
	<b>Online Safety with <i>Project Evolve</i></b>		<b>Online Safety with <i>Project Evolve</i></b>		
	<b>Computational Thinking Skills</b>		<b>Computational Thinking Skills</b>		

## Year 5 (Computer Science / Digital Literacy / Information Technology)

Autumn	Computer Systems and Networks Systems and searching	Half Term	Creating Media Vector drawing		
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>		
	Computational Thinking Skills		Computational Thinking Skills		
Spring	Data and Information Flat-file databases		Programming A Selection in physical computing Key knowledge: Conditional Selection		
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>		
	Computational Thinking Skills		Computational Thinking Skills		
Summer	Programming B Selection in quizzes Key knowledge: Conditional Selection		Searching (1 Week) Evaluating digital content	Creating Media Video editing	
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>		
	Computational Thinking Skills		Computational Thinking Skills		

## Year 6 (Computer Science / Digital Literacy / Information Technology)

Autumn	Computer Systems and Networks Communication and collaboration	Half Term	Creating Media 3D modelling (+ 3D printing)		
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>		
	Computational Thinking Skills		Computational Thinking Skills		
Spring	Data and Information Spreadsheets		Programming A Variable in games Key knowledge: Variables		
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>		
	Computational Thinking Skills		Computational Thinking Skills		
Summer	Programming B Sensing Key knowledge: Variables		Searching (1 Week) Searching: Explore how search results are ranked Barefoot selecting / ranking search activity	Creating Media Web page creation	
	Online Safety with <i>Project Evolve</i>		Online Safety with <i>Project Evolve</i>		
	Computational Thinking Skills		Computational Thinking Skills		