

## CURRICULUM LTP – COMPUTING

<u>Year Group/Term</u>	<u>Autumn</u>	<u>Spring</u>	<u>Summer</u>
<b><u>EYFS</u></b>	Basic skills including: coding using code-apillar and Bebot, using camera on ipad, interacting with apps on ipad, interacting with IWB		
<b><u>Year 1</u></b>	Poster – insert images Unplugged algorithms E-Safety – Self-Image and Identity, Online Relationships and Online Reputation	Leaflet - different font sizes and colours. Beebot – algorithms E-Safety – Online Bullying, Managing Online Information, Health Wellbeing and Lifestyle	Google slides - different font sizes and colours and insert images. Scratch junior – simple algorithms and debugging (movement of one sprite) E-Safety – Privacy and Security, Copyright and Ownership
<b><u>Year 2</u></b>	Google slides - change the font, size and colour and add images Scratch Junior - algorithms and debugging (movement of two sprites simultaneously) E-Safety – Self-Image and Identity, Online Relationships and Online Reputation	Pop art - create a digital painting E-Safety – Online Bullying, Managing Online Information, Health Wellbeing and Lifestyle	PowerPoint - change the font, size and colour and add images. Scratch Junior - algorithms and debugging begin to look at repetition (movement of two sprites simultaneously) E-Safety – Privacy and Security, Copyright and Ownership
<b><u>Year 3</u></b>	Word Document - alignment of text, insert a table/picture/list Scratch Junior – design and debug programs, include repetition and begin to use variables (move to another scene and talking) E-Safety – Self-Image and Identity, Online Relationships and Online Reputation	Google sheets - present data Unplugged learning - sequence, repetition and variables in programs. E-Safety – Online Bullying, Managing Online Information, Health Wellbeing and Lifestyle	PowerPoint - present information using different font sizes, colours and images, add in slide transitions Crumble - use sparkles to make traffic lights E-Safety – Privacy and Security, Copyright and Ownership
<b><u>Year 4</u></b>	Leaflet - Desktop Publishing software including different font, size, colour, images and tables Crumble – using multiple sparkles, detect and correct errors in algorithms. E-Safety – Self-Image and Identity, Online Relationships and Online Reputation	PowerPoint - adding a sound clip/video and hyperlinks Crumble - button to light multiple sparkles E-Safety – Online Bullying, Managing Online Information, Health Wellbeing and Lifestyle	Peer feedback - create a short presentation to teach others. Scratch - Solve problems by decomposing them into smaller parts. E-Safety – Privacy and Security, Copyright and Ownership
<b><u>Year 5</u></b>	Poster - include different font, size, colour, images and tables to communicate meaning for a given audience Scratch - use variables within a program. E-Safety – Self-Image and Identity, Online Relationships and Online Reputation	Create an e-book - Abide by copyright rules and use a range of devices. Crumble – use a motor to focus on input and output device when programming. E-Safety – Online Bullying, Managing Online Information, Health Wellbeing and Lifestyle	Create a movie linked to a topic using iMovie. E-Safety – Privacy and Security, Copyright and Ownership
<b><u>Year 6</u></b>	Presentation - use Word Processing, Desktop Publishing and Presentation software with confidence. Scratch - use sequence, selection, repetition, variables and decomposition to create programs. E-Safety – Self-Image and Identity, Online Relationships and Online Reputation	Use Excel software to present and analyse data and information. E-Safety – Online Bullying, Managing Online Information, Health Wellbeing and Lifestyle	Presentation/App Smash - using a range of software for effect Crumble– motor/caddie with sensor E-Safety – Privacy and Security, Copyright and Ownership