

Chalfont St Peter Infant School
Computing Overview – 2024/25

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS 	Show an interest in technological toys such as IWB, iPads, toys with knobs, pulleys and buttons Learn about e-safety Think U Know: Jessie and Friends (4/5yrs) Smartie the Penguin for EYFS: Stories 1 & 2 Books: Digiduck's Big Decision	Know how to operate simple equipment Draw pictures on IWB and begin to change colours Use the iPad to take pictures	Access, understand and interact with a range of technology within the Year R environment Draw pictures on IWB, changing colour and pen size	Use the IWB, changing games and programmes	Use Tapestry to add their own observations to their learning journey – taking pictures, adding text and saving Explore how a Bee-Bot works Use the internet with adult supervision to find and retrieve information	Begin to give reasons why we need to stay safe online Use the Bee-Bots and program them to go forwards and backwards Type their name using a laptop

Predominant Area of Computing for KS1

 Computer Science	 Information Technology	 Digital Literacy
--	--	--

(Most units will include aspects of all strands)

Year 1 	<u>Unit 1:1</u> <u>Purple Mash</u>  Online Safety Avatar creator Buddy the Dog Think U Know: Jessie and Friends (5/6yrs) Smartie the Penguin for Yr 1: Stories 1 & 2 Books: Webster's Manners Webster's Friend Webster's Bedtime <u>Unit 1:2</u> <u>Purple Mash:</u>  Sorting and Grouping 2Quiz: Navigate and access 2dos Modern Foreign Language: 2French: Les Nombres	<u>Unit 1:3</u> <u>Purple Mash:</u>  Pictograms 2Count English: 2Publish+ Picture and text Non-Fiction Writing Save to workspace <u>Unit 1:4</u> <u>Purple Mash:</u>  Lego Builders 2DIY History: Old and New Homes Science: Purple Mash: Seasons Quiz	<u>Unit 1:5</u> <u>Purple Mash:</u>  Maze Explorers 2Go: Functionality of basic direction keys Geography-Contrasting Locality 2Publish+ Create a pamphlet Save, retrieve and continue English/Music: 2Beat: Composition: The effects of tempo and dynamics	<u>Unit 1:6</u> <u>Purple Mash:</u>  Animated Story Books 2CreateAStory History: Great Fire of London: 2Publish+ Read all About it	<u>Unit 1:7</u> <u>Purple Mash:</u>  Coding 2Code Programming Bee-Bots Algorithms and Debugging English/PE: 2Animate: Action and reaction Design Technology Purple Mash: Paint Project: Castles and Materials Topic Folder: Parts of a Castle: Picture and caption English: Writing Project: Comparing Old and New Transport	<u>Unit 1:8</u> <u>Purple Mash:</u>  Spreadsheets 2Calculate <u>Unit 1:9</u> <u>Purple Mash:</u>  Technology outside school Design Technology Purple Mash: Paint Project: Design Summer Clothes
--	---	--	---	---	---	--

Year 2	Unit 2:2 Purple Mash  Online Safety 2Respond(2Email) Think U Know: Jessie and Friends (6/7yrs) Smartie the Penguin for Yr 2: Stories 1 & 2 Books: Webster's Email Chicken Clicking Troll Stinks Purple Mash: 2Type: Develop keyboard Skills English: 2Publish+: My Layout Save and Edit Design Technology: 2Animate Use graphics to animate using template	Unit 2:1 Purple Mash:  Coding 2Code Programming Blue-Bots Algorithms and Debugging 2CreateAStory: Creating cartoons Save, print, retrieve, edit and amend	Unit 2:3 Purple Mash:  Spreadsheets 2Calculate Unit 2:4 Purple Mash:  Questioning 2Question: Binary Databases 2Calculate: Spreadsheets 2Investigate: Database	Unit 2:5 Purple Mash  Effective Searching Exploring a browser Unit 2:7 Purple Mash:  Making Music 2Sequence	Unit 2:6 Purple Mash:  Creating Pictures 2PaintAPicture	Unit 2:7 Purple Mash:  Representing Ideas 2Connect Mind Maps 2CreateAStory ebook 2Quiz
----------------------	---	---	---	---	--	---

Please Note: The use of ipads in KS1 will commence upon delivery of the devices – Autumn 2021