Computing Long Term Plan 2023-2024

Be Happy and Shine
Percy Main Primary School

	Autumn 1	Autumn 2	Spring1	Spring2	Summer1	Summer2
Year One	Unit 1.1 Online Safety & Exploring Purple Mash Number of Weeks – 4 Tools Used – Avatar creator Paint Projects Writing Templates 2Count (Pictograms) 2Explore (Music) Unit 1.2 Grouping & Sorting Weeks – 2 Programs – 2Quiz	Unit 1.3 Pictograms Weeks – 3 Programs – 2Count 2Connect Unit 1.4 Lego Builders Weeks – 3 Programs – 2Quiz Paint Projects Writing Templates	PROJECT EVOLVE <u>Privacy and Security</u> Behavioural and technical strategies to limit impact on privacy and protect data and systems against compromise. Unit 1.8 Spreadsheets Weeks – 3 Programs – 2Calculate **INTERNET SAFETY WEEK** Internet Safety Day- Tuesday 4th February Class Project + School Assembly.	Unit 1.5 Maze Explorers Weeks – 3 Programs – 2Go	Unit 1.6 Animated Story Books Weeks – 5 Programs – 2Create A Story	Unit 1.7 Coding Weeks – 6 Programs – 2Code

Year Two	Unit 2.1 Coding Number of Weeks – 5 Main Programs – 2Code	Unit 2.3 Spreadsheets Weeks – 4 Programs – 2Calculate UUnit 2.4 Questioning Weeks – 5 Programs – 2Question, 2Investigate 2Calculate	PROJECT EVOLVE Managing Online Information Strategies for effective searching, critical evaluation and ethical publishing **INTERNET SAFETY WEEK** Internet Safety Day- Tuesday 4th February Class Project + School Assembly.	Unit 2.4 Questioning Weeks – 5 Programs – 2Question, 2Investigate 2Calculate Unit 2.5 Effective Searching Weeks – 3 Programs – Browser 2Quiz Writing Templates	Unit 2.7 Making Music Weeks – 3 Programs – 2Sequence	Unit 2.8 Presenting Ideas Weeks – 4 Programs – 2Connect (Mind Map) 2Create a Story (ebook) 2Quiz Writing Template
Year Three	Unit 3.1 Coding Number of Weeks – 6 Main Programs – 2Code	PROJECT EVOLVE Privacy and Security Behavioural and technical strategies to limit impact on privacy and protect data and systems against compromise. Unit 3.3 Spreadsheets Weeks – 3 Programs – 2Calculate	Unit 3.4 Touch-Typing Weeks – 4 Programs – 2Type **INTERNET SAFETY WEEK** Internet Safety Day- Tuesday 4th February Class Project + School Assembly.	Unit 3.5 Email (including email safety) Weeks – 6 Programs – 2Email	Unit 3.6 Branching Databases Weeks – 4 Programs – 2Question Unit 3.7 Simulations Weeks – 3 Programs – 2Simulate, Writing Templates	Unit 3.8 Graphing Weeks – 3 Programs – 2Graph Writing Templates 2Blog (Blogging)
Year Four	Unit 4.1 Coding Number of Weeks – 6 Main Programs – 2Code	PROJECT EVOLVE Managing Online Information Strategies for effective searching, critical evaluation and ethical publishing Unit 4.3 Spreadsheets Weeks – 5 Programs – 2Calculate	Unit 4.4 Writing for Different Audiences Weeks – 5 Programs – Writing Templates 2Simulate 2Connect (Mind Map) 2Publish Plus **INTERNET SAFETY WEEK** Internet Safety Day- Tuesday 4th February Class Project + School Assembly.	Unit 4.7 Effective Searching Weeks – 3 Programs – Browser 2Quiz 2Connect (Mind Map) Unit 4.6 Animation Weeks – 3 Programs – 2Animate	Unit 4.8 Hardware Investigators Weeks – 2 Programs – 2Quiz 2Connect (Mind Map) Writing Templates	Unit 4.9 Making Music Weeks – 4 Programs –
Year Five	Unit 5.1 Coding Number of Weeks – 6	PROJECT EVOLVE Privacy and Security	Unit5.5 Game Creator Weeks – 5	Unit 5.4 Databases Weeks – 4	Unit 5.6 3D Modelling Weeks – 4 Programs –	Unit 5.7 Concept Maps

	Main Programs – 2Code	Behavioural and technical strategies to limit impact on privacy and protect data and systems against compromise. Unit 5.3 Spreadsheets Weeks – 6 Programs – 2Calculatenit	Programs – 2DIY 3D Writing Templates 2Blog (Blogging) **INTERNET SAFETY WEEK** Internet Safety Day-Tuesday 4th February Class Project + School Assembly.	Programs – 2Investigate (database) Avatar creator	2Design and Make Writing Templates	Weeks – 4 Programs – 2Connect
Year Six	Unit 6.1 Coding Number of Weeks – 6 Main Programs – 2Code	PROJECT EVOLVE Managing Online Information Strategies for effective searching, critical evaluation and ethical publishing Unit 6.4 Blogging Weeks – 4 Programs – 2Blog	Unit 6.3 Spreadsheets Weeks – 5 Programs – 2Calculate **INTERNET SAFETY WEEK** Internet Safety Day-Tuesday 4th February Class Project + School Assembly.	Unit 6.5 Text Adventures Weeks – 5 Programs – 2Code, 2Connect, 2Create a Story, Writing Templates	Unit 6.6 Networks Weeks – 3 Programs – 2Connect (Mind Map) Writing Templates	Unit 6.7 Quizzing Weeks – 6 Programs – 2DIY 2Quiz Text Toolkit 2Investigate (database)