

# West End Primary School

# Computing Curriculum Content



The EYFS framework is structured very differently to the national curriculum as it is organised across seven areas of learning rather than subject areas. This plan identifies the EYFS prerequisite skills for music in the national curriculum which are taught across the year in Foundation stage 1 and 2.

Foundation Stage 1 (Nursery)	<b>PSED</b> Remember rules without needing an adult to remind them.	<b>Physical Development</b> Match their developing physical skills to tasks and activities in the setting.	<b>Understanding the World</b> Explore how things work.
------------------------------	--	---	--

Foundation Stage (Reception)	<b>PSED</b> <ul style="list-style-type: none"> <li>Show resilience and perseverance in the face of a challenge.</li> <li>Know and talk about the different factors that support their overall health and wellbeing:                     <ul style="list-style-type: none"> <li>- sensible amounts of 'screen time'.</li> </ul> </li> </ul>	<b>Physical Development</b> Develop their small motor skills so that they can use a range of tools competently, safely and confidently.	<b>Expressive Arts and Design</b> <ul style="list-style-type: none"> <li>Explore, use and refine a variety of artistic effects to express their ideas and feelings.</li> </ul>	<b>Early Learning Goal</b> <ul style="list-style-type: none"> <li>Be confident to try new activities and show independence, resilience and perseverance in the face of challenge. Explain the reasons for rules, know right from wrong and try to behave accordingly. Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</li> </ul>
------------------------------	--	--	--	--

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Logging on and off (classroom) (IT)  Different parts of the computer (including icons) (CS, IT)  Using a mouse to paint, to create and modify a picture (IT)	Online Safety (PurpleMash – Unit 1.1) (DL) Buddy the dog  Using talking post cards to record and playback speech. (IT)  Technology outside school (PurpleMash - Unit 1.9) (DL)	Algorithms (classroom) (CS)  Beebots (CS)  Safer Internet Day – Childnet (DL)	Grouping and Sorting (PurpleMash—Unit 1.2) 2DIY. (CS)  Pictograms (PurpleMash—Unit 1.3) 2Count. (IT)	Lego Builders (PurpleMash - Unit 1.4) 2DIY. (CS)  Animated Story Books using sound (PurpleMash – Unit 1.6) (IT).	Coding (PurpleMash—Unit 1.7) 2Code. (CS)  Maze Explorers (PurpleMash – Unit 1.5) (IT, CS)
Year 2	PurpleMash logging on and off (IT)  Coding (PurpleMash—Unit 2.1) 2Code. (CS)	Screen turtle – Textease (CS)  Saving into and retrieving from a folder (IT)  Making Music (PurpleMash – Unit 2.7)	Online Safety (PurpleMash - Unit 2.2) (DL) Penguin Pig – book  Safer Internet Day – Childnet (DL)	Creating Pictures (Unit 2.6 – PurpleMash) 2PaintAPicture. (IT)	Spreadsheets (PurpleMash – Unit 2.3) 2Calculate. (IT)  Questioning (PurpleMash – Unit 2.4) 2Question, 2Investigate. (IT)	Effective Searching (PurpleMash – Unit 2.5) Using various browsers. (DL)  Adding sounds to a simple presentation. Textease. (IT)

Year 3	Presentation skills (text, images and sound) – Textease presenter (IT)	Branching Databases (PurpleMash – Unit 3.6)  Graphing (PurpleMash – Unit 3.8) 2Graph. (IT)	Online Safety (PurpleMash – Unit 3.2) (DL)  Email Safety (PurpleMash- Unit 3.5) (DL)  Safer Internet Day - Childnet	Coding (PurpleMash – Unit 3.1) 2Code Scratch, Lightbot – extension (CS)  Textease—shape making (CS)	Simulations (PurpleMash – 3.7) 2Simulate, 2Publish. (IT)  Touch Typing (PurpleMash – Unit 3.4) 2Type. (IT)	Presentation with Microsoft Powerpoint or Google slides using hyperlinks and photos (PurpleMash – Unit 3.9) (IT)  Introduction to Google Classrooms (DL)  Password protection (DL)
Year 4	Coding (PurpleMash – Unit 4.1) 2Code. (CS)  Hardware Investigators (PurpleMash – Unit 4.8) (CS)	Effective Search (PurpleMash – Unit 4.7) Various browsers. (IT)  Creating a balanced argument – Podcating (IT)	Safer Internet Day – Childnet  Online Safety—Be Alert (Be internet Legends) (DL)	Logo (PurpleMash—Unit 4.5) Logo. (CS)  Writing for different audiences (PurpleMash – Unit 4.4) 2Email, 2Connect, 2DIY. (IT)	Online Safety—Be Kind (Be Internet Legends) (DL)  Spreadsheets (PurpleMash – 4.3) 2Calculate. (IT)	Animation (PurpleMash – Unit 4.6) (IT)  Film making – iMovie. (IT)
Year 5	Coding (PurpleMash – Unit 5.1) 2Code. (CS)	Presenting with Microsoft Powerpoint (IT) (PurpleMash – 5.8) (IT)  Short film making – Microsoft Powerpoint. (IT)  3D Modelling (PurpleMash – Unit 5.6) 2Design and Make. (IT)	Safer Internet Day – Childnet  Online Safety—Be Sharp (Be Internet Legends) (DL)  Concept Maps (PurpleMash – Unit 5.7) (IT).	Word Processing (PurpleMash—Unit 5.8) Microsoft Word. (IT)	Game Creator (PurpleMash— Unit 5.5) 2DIY 3D. (CS)	Spreadsheets (PurpleMash – Unit 5.3) Microsoft Excel. (IT) Databases (PurpleMash – Unit 5.4) 2Question, 2Investigate. (IT)
Year 6	Spreadsheets and formulas (PurpleMash—Unit 6.3/6.9) Microsoft Excel. (IT)	Coding (PurpleMash—Unit 6.1) 2Code. (CS)	Safer Internet Day – Childnet Ollee  Online Safety—Be Secure (Be Internet Legends) (DL)  Networks (PurpleMash – Unit 6.6) (CS)	Blogging (PurpleMash— Unit 6.4) 2Blog. (IT, DL)	Understanding Binary (PurpleMash—Unit 6.8) 2Code. (CS)	Text Adventures (PurpleMash—Unit 6.5) 2Code, 2Connect. (CS)  Quizzing (PurpleMash – Unit 6.7) 2Quiz, 2DIY, Text Toolkit, 2Investigate, MS Powerpoint. (IT).