



Computing Vocabulary

<p>Progression Aims</p> <p>Core Vocabulary</p>	<p>This document shows the progression of required vocabulary that the children should understand throughout each topic as a prerequisite for further learning. Vocabulary is not exclusive to each year group, however there a specific focus on the language in the topics covered in that Computing unit. We value a vocabulary rich curriculum and we provide opportunities for the pupils to verbalise their knowledge using core vocabulary to demonstrate their understanding. There are a number of words per computing unit for each child to learn.</p> <p>Ensuring that we are adapting our vocabulary expectations for our context, we will focus on core vocabulary but will also explore subject specific vocabulary to widen their exposure to new language.</p>					
Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	On/Off Switch Instruction Keyboard Mouse	Computer Count Backwards Forward Monitor	Collect Organise Photo Type Buttons	Choices Create Internet information	Technology Website Share	Command
1 (units)	1.1 Online Safety and Exploring PM (5 – do first lesson in 2 halves) 1.2 Grouping and Sorting (2)	1.3 Pictograms (3) 1.4 Lego Builders (3)	1.5 Maze Explorers (3) Extra Robotics sessions (2)	1.7 Coding (6)	1.6 Animated Story Books (6)	1.8 Spreadsheets (3) 1.9 Technology Outside School (2)
Vocabulary Focus	Avatar, Device, Login, Password, Notification. Criteria, Equal, Less than, More than, sort.	Data, Compare, Pictogram, Visual, Totals. Algorithm, Code, Program, Debug, Sequence.	Command, Direction, Route, Undo, Unit.	Code Block, Event, Execute, Object, Output.	Animation, Background, Copy, Paste, Text.	Calculation, Cell, Clipart, Delete, Image. Technology.
2 (units)	Exploring PM (1.1) & 2.2 Online Safety (3)	2.5 Effective Searching (3) 2.8 Presenting Ideas (4)	2.1 Coding (5)	2.4 Questioning (5)	2.3 Spreadsheets (4) 2.7 Making Music (3)	2.6 Creating Pictures (7) [Incorporate Robotics if possible]
Vocabulary	Attachment, Footprint, Internet, Protection, Information.	Browser, Domain, Network, Search Engine, URL, E-book, Factfile, Fiction, Node.	Bug, Collision detection, execute, implement, interaction.	Binary, Binary tree, Field, Record.	Addition, graph, block graph, label, row, column.	Diagonal, Dilute, Impressionism, rotate, vertical.



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					Bars, Beat, Compose, Tune, Tempo.	
3 (units)	Exploring PM (1.1) & 3.2 Online Safety (3)	3.5 Email (6)	3.1 Coding (6)	3.4 Touch Typing (4) 3.3 Spreadsheets (3)	3.6 Branching Databases (4) 3.7 Simulations	3.8 Graphing 3.9 Presenting (PPT)
Vocabulary	Appropriate, Blog, Permission, Spoof, Verify.	Communication, Inbox, Link, Draft, Contact.	Alert, command, degrees, flowchart, run.	Key, Posture, Bar Graph, Pie Chart, Spinner, table.	Branching, Database. Advantage, Analysis, Solution, Simulation	Axis, Chart, Tally. Audio, Duration, Formatting, Transition, Theme.
4 (units)	Exploring PM (1.1) 4.7 Effective Search (3)	4.2 Online Safety (4) 4.3 Spreadsheets (6)	4.1 Coding (7)	4.4 Writing for Different Audiences (5)	4.5 Logo (4) 4.8 Hardware investigators (2) [Incorporate Robotics]	4.6 Animation (3) 4.9 Making Music (4)
	Easter eggs, Reliability, Result.	Collaborate, Cookies, Malware, Phishing, Plagiarism. Average, Budget, Format cell, formula,	Coordinates, Design, 'if' statement, 'if/else' statement, input.	Campaign, Format, Font, Genre, Opinion.	Logo, Procedure, Repeat. CPU, Graphics card, harddrive, hardware, RAM.	FPS (Frames per second), BPM (Beat per minute), Dynamics, Harmonious, Synths.
5 (units)	Exploring PM (1.1) 5.2 Online Safety (3) 5.4 Databases (4)	5.5 Game Creator (5)	5.3 Spreadsheets (6)	5.1 Coding (7)	5.7 Concept Maps (4) 5.8 Word Processing with Microsoft Word (4)	5.6 3D Modelling (4)
Vocabulary	Bibliography, Citation, Copyright, Encrypt, PEGI ratings. Field, Record, Statistic,	Texture, Screenshot, Scene, quest,	Area, Budget, profit, variable,	Concatenation, decomposition, friction, nest, sequence.	Heading, subheading, Attributing, Cropping, Hyperlink,	3d printing, CAD Brief, NET.
6 (units)	Exploring PM (1.1) 6.2 Online Safety (2) 6.4 Blogging (4)	6.6 Networks (3) 6.8 Binary (4)	6.1 Coding (7)	6.5 Text Adventures (5)	6.9 Spreadsheets with Microsoft Excel (8)	Unit 6.7 Quizzing (6)
Vocabulary	Inappropriate, location sharing, Screen time. Connections, Connections, Vlog,	DNS (Domain Name Server,), Ethernet, Hosting, IP Address, Router. Bit, Denary, Micro-processor, Nano-technology, Transistor.	function, procedure, tabs.	QR code, Sprite,	Delimiter, expense,	Cloze, Selfie,