

Key Vocabulary Tracker

Computing

Formal Curriculum

Year	Class	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
1	Leamington	Our local area: <ul style="list-style-type: none"> - Website - Online Map - Photograph - Toy - Program - Local Area 	Finding Information: <ul style="list-style-type: none"> - Information - Research - Book - Online - Search engine - Database 	PowerPoint: <ul style="list-style-type: none"> - Microsoft PowerPoint - Text - Images - Presentation, Slide Show - Format - Audience 	Making and Recording Sounds: <ul style="list-style-type: none"> - Sound - Electronic sound - Recording - Playback - Interactive - Live sound 	Painting tools: <ul style="list-style-type: none"> - Paint - Tool - Spray, Brush, Line, Fill - Image - Technique - Copy and paste - Insert 	Algorithms & programming: <ul style="list-style-type: none"> - Algorithm - Program - Instruction - Sprite - Code - Blocks
2	Leamington	Introduction to Minecraft and Simulation: <ul style="list-style-type: none"> - Simulation - 3D - Algorithm - Flow chart - Minecraft - Safety 	Photography: <ul style="list-style-type: none"> - Photograph - Camera - Zoom in, zoom out - Store - Retrieve - Crop 	Handling data: <ul style="list-style-type: none"> - Data - Chart, graph - Question - Search - Sort - Information 	Control & How to program: <ul style="list-style-type: none"> - Control - Program - Sprite - Speech - Animation - Technology 	We are publishers: <ul style="list-style-type: none"> - Publish - Book - Edit - Illustration - Version - Text 	Online Safety: <ul style="list-style-type: none"> - Internet - True, false - Appropriate - Inappropriate - Online - Blog
1	Hampden	Using painting software: <ul style="list-style-type: none"> - Paint - Computing - Undo - Photograph 	Desktop publishing: <ul style="list-style-type: none"> - Newspaper article - Feature - Column 	Developing presentation skills: <ul style="list-style-type: none"> - Microsoft PowerPoint - Branching story - Hyperlink - Presentation 	Introduction to Scratch and algorithms: <ul style="list-style-type: none"> - Scratch - Algorithm - Sprite 	Databases and spreadsheets: <ul style="list-style-type: none"> - Database - Spreadsheet - Cell - Formula 	Making a podcast: <ul style="list-style-type: none"> - Sound - Podcast - Recording - Script - Download

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		<ul style="list-style-type: none"> - Compare and contrast - Recreate 	<ul style="list-style-type: none"> - Microsoft Office - Microsoft Word, Microsoft Publisher - Resize - Reliability, Validity, Bias 	<ul style="list-style-type: none"> - Transition - Animation 	<ul style="list-style-type: none"> - Programming - Code - Script 	<ul style="list-style-type: none"> - Calculate - Data 	<ul style="list-style-type: none"> - Import
2	Hampden	<p>Online Safety:</p> <ul style="list-style-type: none"> - Internet - Risks - Online Bullying - Safety - Copyright - Plagiarism 	<p>How do networks work?:</p> <ul style="list-style-type: none"> - Network - World Wide Web - Internet - Communicate - Blog - Wiki 	<p>Writing a report:</p> <ul style="list-style-type: none"> - News or sport - Communication - Analyse - Interview - Collaborate - Report 	<p>Email:</p> <ul style="list-style-type: none"> - Email address - Communication - Subject line - Forward - Attach - Online 	<p>3D modelling:</p> <ul style="list-style-type: none"> - Modelling - Plan, elevation - Design brief - Program - Product - Tools 	<p>Photo stories and online safety:</p> <ul style="list-style-type: none"> - Images, photograph - Manipulated - Desktop publisher, Microsoft Publisher - Presentation - Layer - Arrange
1	Oval, Wembley, Silverstone	<p>Cyber security:</p> <ul style="list-style-type: none"> - Data - Cyber security - Privacy policies - Data protection - Malware - Social engineering, - Hacking 	<p>Creating a webpage:</p> <ul style="list-style-type: none"> - Webpage - Layout - Authority - Bias - Content - Publish 	<p>Semaphores to the Internet:</p> <ul style="list-style-type: none"> - Network - Protocol - Network cable - Server - Router - Wired, wireless - Bandwidth 	<p>Introduction to vector graphics:</p> <ul style="list-style-type: none"> - Vector - Drawing tools - Move - Resize - Rotate, - Duplicate/copy - Modify 	<p>Scratch Programming:</p> <ul style="list-style-type: none"> - Sprite - Program - Forever command - Loop - If command - Variable 	<p>Introduction to Python Programming</p> <ul style="list-style-type: none"> - Print - Else, elif, if - Procedure - Program - Text-based - Variable

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		<ul style="list-style-type: none"> - Attack - Computer Misuse Act (1990) - Viruses - Trojans 		<ul style="list-style-type: none"> - Internet - IP address - TCP/IP - World Wide Web 	<ul style="list-style-type: none"> - Layers 	<ul style="list-style-type: none"> - Scratch - Algorithm 	<ul style="list-style-type: none"> - Random choices
2	Oval, Wembley, Silverstone	Online safety and digital literacy: <ul style="list-style-type: none"> - Online safety - Cyber security - Password - Health and safety - Fraudulent - Copyright 	Office skills: <ul style="list-style-type: none"> - Microsoft Office - Icons - Font - Style - Format - Layout - Bullet Software 	Networks: Computing systems and networks <ul style="list-style-type: none"> - Communication - Protocol - Data - Address - Internet Protocol (IP) address - Domain Name Server (DNS) - Packet - Header - Data payload 	Databases and spreadsheets: <ul style="list-style-type: none"> - Spreadsheet - Database - Formula - Calculation - Average - Field types - Data types 	Digital Media: <ul style="list-style-type: none"> - Search term - Screenshot - Download - Brand - Content - License - Design choices 	Kodu Programming: <ul style="list-style-type: none"> - Kodu - Program - Algorithm - When, Do - Settings - Manipulate
1	Upper School	Improving Productivity using IT:		Desktop Publishing software:		Imaging Software:	
2	Upper School	Spreadsheet Software:		Database Software:		Using Email:	
3	Upper School	IT User Fundamentals:		Using Word Processing Software:		Presentation Software:	

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<u>Semi-Formal Curriculum</u>							
Year	Class	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
1	Trent Bridge	Listen & respond to sounds: <ul style="list-style-type: none"> - Sound - Tape - Recording - Instrument - Interactive - Microphone 	Sorting & Matching: <ul style="list-style-type: none"> - Question - Equipment - Sort and Match - Label - CD Rom - Diagram 	Painting: <ul style="list-style-type: none"> - Mark make - Paint - Draw - Brush - Fill - Shape 	Using a tape/sound recorder: <ul style="list-style-type: none"> - Switch - On/Off - Technology - Tape - Recorder - Performance 	Beebots and Algorithms: <ul style="list-style-type: none"> - Beebot - Algorithm - Control - Forwards, Backwards, Left, Right - Arrows - Direct 	Understanding a computer: <ul style="list-style-type: none"> - Computer - Mouse, mousepad, trackpad - Switch on, switch off - Windows - Save - Keyboard
2	Trent Bridge	Using technology: <ul style="list-style-type: none"> - Technology - Interact - Computer - Keyboard - CAPS Lock - Space 	Beginning to code: <ul style="list-style-type: none"> - Sequence - Order - Algorithm - Move - Direct - Code 	Multimedia and word processing: <ul style="list-style-type: none"> - Text - Change, format - Clipart - Microsoft Word - Image - Save and retrieve 	Learning to program: <ul style="list-style-type: none"> - Control - Program - Sequence - Instruction - Object - Model 	Word processing: <ul style="list-style-type: none"> - Keyboard - Letters, numbers, symbols - Type - Backspace - Sitting - Word 	Introducing animation: <ul style="list-style-type: none"> - Animation - Story - Character - iPad - Create - Sequence

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1	Aintree	People who help us - A Virtual School Tour <ul style="list-style-type: none"> Family Friend Safe Help Classroom Protect 	Beebots and Algorithms <ul style="list-style-type: none"> Beebot Direct Program Instructions Pattern Movement 	Understanding a computer <ul style="list-style-type: none"> Computer Mouse, mousepad, trackpad Switch on, switch off Windows Save Keyboard 	Making and recording sounds <ul style="list-style-type: none"> Sound Instrument Compose Perform Start/Stop Record 	Online Safety <ul style="list-style-type: none"> Safe Online Internet Appropriate Safe adult True/false 	Data Handling & Databases <ul style="list-style-type: none"> Data Database Graph Question Answer Group/Sort
1	Ascot	Improving Productivity using IT:		Desktop Publishing software:		Imaging Software:	
2	Ascot	Spreadsheet Software:		Database Software:		Using Email:	
3	Ascot	IT User Fundamentals:		Using Word Processing Software:		Presentation Software:	

Revisited - greater depth/ to ensure a secure understanding in more in-depth contexts as pupils progress with their development of knowledge and understanding.

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