



Dorney School Computing Curriculum Map

YEAR GROUP	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Reception	Introducing ICT. The interactive whiteboard, class computers e.g. logging in, using the keyboard and the mouse. Games available on computer. Office equipment in the Role Play Health and safety of ICT in the classroom e.g. adults only touch the plugs, no drinks near the computers What uses electricity? Dark dens and torches Festival of lights - electrical/ non electrical lights		Internet Safety Day – February Using the computers safely – age related examples Using websites safely Screen Time management – sand times for how long should use the computer	Introducing cameras Using the children’s cameras Taking photographs	Introducing Beebots Programming the Beebots to follow a direction.	Remote control toys – cars. Battery operated toys Interactive white boards – Phonics Play / Topmarks / Google Earth Purple Mash (mini mash) – drawing, sorting, information gathering.
Year 1	Online Safety and Exploring Purple Mash Grouping and Sorting 6 weeks	Pictograms Lego Builders 6 weeks	Maze Explorers 3 weeks	Animated Stories 5 weeks	Coding 6 weeks	Spreadsheets Technology Outside School 5 weeks
Year 2	Coding Online Safety 7 weeks	Spreadsheets 4 weeks	Questioning 5 weeks	Effective Searching 3 weeks	Creating Pictures 5 weeks	Making Music Presenting Ideas 7 weeks
Year 3	Coding Online Safety 8 weeks	Spreadsheets Touch Typing 7 weeks	Email 6 weeks	Branching Databases 4 weeks	Simulations 3 weeks	Graphical Modelling 3 weeks
Year 4	Coding Online Safety 8 weeks	Spreadsheets 6 weeks	Writing for Different Audiences 5 weeks	Logo 4 weeks	Animation 3 weeks	Effective Searching Hardware Investigators 5 weeks
Year 5	Coding Online Safety 8 weeks	Spreadsheets Databases 6 weeks	Game Creator 5 weeks	3D Modelling 4 weeks	Concept Maps 4 weeks	Word Processing (with Google Docs) 7 weeks
Year 6	Coding Online Safety 8 weeks	Spreadsheets 5 weeks	Blogging 4 weeks	Text Adventures 5 weeks	Networks 3 weeks	Quizzing 6 weeks