

WOODTHORNE PRIMARY SCHOOL WHOLE SCHOOL COMPUTING OVERVIEW

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p>Children require access to a range of technologies, both digital and non-digital in their early lives. Exploring with different technologies through play provides opportunities to develop skills that children will go on to develop in their lifetimes. Investigations, scientific inquiry and exploration are essential components of learning about and with technology both digitally and in the natural world. Through technology children have additional opportunities to learn across all areas in both formal and informal ways. Technologies should be seen as tools to learn both from and with, in order to integrate technology effectively within early years practice.</p> <p>Integral within practice: Children using technology throughout their learning: Access to ipads, taking photographs, using the interactive whiteboard, talking about technology they use at home, playing music, Alexa, watching videos, exploring calculators, bee bots, recording videos using ipads.</p>					
Year 1	1.1 Online safety and exploring purple mash (4 sessions) 1.2 Grouping and sorting (2 sessions)	1.3 Pictograms (3 sessions) 1.4 Lego Builders (3 sessions)	1.5 Maze Explorers (3 sessions)	1.6 Animated Story Books (5 sessions)	1.7 Coding (6 sessions)	1.8 Spreadsheets (3 sessions) 1.9 Technology outside school (2 session)
Year 2	2.1 Coding (5 sessions)	2.2 Online Safety (3 sessions) 2.3 Spreadsheets (2 sessions)	2.4 Questioning (5 sessions)	2.5 Creating Pictures (5 sessions)	2.7 Making Music (3 sessions)	2.8 Presenting Ideas (4 sessions)
Year 3	3.1 Coding (6 sessions)	3.2 Online safety (3 sessions) 3.3 Spreadsheets (3 sessions)	3.4 Touch typing (4 sessions) 3.8 Graphing (3 sessions)	3.5 Email (including email safety) (6 sessions)	3.6 Branching Databases (4 sessions) 3.7 Simulations (3 sessions)	3.9 Presenting (with Powerpoint) (5 or 6 sessions)
Year 4	4.1 Coding (6 sessions)	4.2 Online Safety (4 sessions) 4.7 Effective Search (3 sessions)	4.3 Spreadsheets (6 sessions)	4.4 Writing for different audiences (5 sessions)	4.5 Logo (4 sessions) 4.6 Animation (3 sessions)	4.8 Hardware Investigators (2 sessions) 4.9 Making Music (4 sessions)



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Year 5	5.1 Coding (6 sessions)	5.3 Spreadsheets (6 sessions)	5.2 Online safety (3 sessions) 5.4 Databases (4 sessions)	5.5 Game Creator (5 sessions)	5.6 3D Modelling (4 sessions) 5.7 Concept Maps (4 sessions)	5.8 Word Processing (8 sessions)
Year 6	6.1 Coding (6 sessions)	6.2 Online Safety (2 sessions) 6.3 Spreadsheets (5 sessions)	6.4 Blogging (4 sessions) 6.6 Networks (3 sessions)	6.5 Text Adventures (5 sessions)	6.7 Quizzing (6 sessions)	6.8 Understanding Binary (4 sessions) 6.9 Spreadsheets (8 sessions)