



Greenmount Primary Computing Overview

Computer Science

Information technology

Digital Literacy



The Computing curriculum is taught using Purple Mash every other half term by teachers and HLTAs. The computing curriculum mainly focuses on the strands of Computer Science and Information Technology as Online Safety and Digital Literacy are taught through specific focused lessons once every half term.

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Computing skills in EYFS are taught through a range of activities and topics. The three strands of computing are taught through activities such as the examples below:					
	Computer science Drawing maps Beebots (directions/problem solving) Instructional language Obstacle courses (positional/instructional language)		Information Technology Using technology to draw, make marks and colour Recording and playing back video and voice recordings Using and enjoying computer games/activities		Digital literacy Talking about appropriate use of technology in school and at home Permission How to navigate a simple computer program/device	
1	Unit 1.4 Lego Builders (3 lessons) Unit 1.5 Maze Explorers (3 lessons)	Unit 1.2 Grouping and Sorting (2 Lessons) Unit 1.3 Pictograms (3 Lessons)	Unit 1.6 Animated Story Books (5 lessons)	Unit 1.8 Spreadsheets (3 Lessons)	Unit 1.7 Coding (6 lessons)	
2	Unit 2.5 Effective Searching (3 lessons) Unit 2.7 Creating Pictures (5 lessons)	Unplugged Computing	Unit 2.1 Coding (6 lessons)		Unit 2.7 Making Music (3 lessons) Unit 2.8 Presenting Ideas (4 lessons)	
3	Unit 3.1 Coding (6 lessons) Unit 3.8 Graphing (2 lessons)	Unit 3.3 Spreadsheets (3 lessons) Unit 3.4 Touch typing (4 Lessons)	Unit 3.5 Email (6 lessons)		Unit 3.7 Simulations (3 lessons) Unit 3.6 Branching databases (4 lessons)	
4	Unit 4.1 Coding (6 lessons)		Unit 4.7 Effective Searching (3 lessons) Unit 4.6 Animation (3 lessons)		Unit 4.5 Logo (4 lessons) Unit 4.8 Hardware Investigators (2 lessons)	
5	Unit 5.1 Coding (6 lessons)	Unit 5.6 3D Modelling (4 Lessons) Unit 5.7 Concept maps (4 Lessons)	Unit 5.8 Word processing (Up to 8 lessons)		Unit 5.5 Game Creator (5 lessons) Unit 5.2 Online Safety (3 lessons)	
6	Unit 6.1 Coding (6 lessons)		Unit 6.7 Quizzing (6 Lessons)		Unit 6.6 Networks (3 lessons) Unit 6.4 Blogging (4 Lessons)	