

Ashwell Primary School

Computing Curriculum Overview

Computing Science

Information
Technology

Digital Literacy

Predominant area of computing – most units will include aspects of all strands

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Purple Mash activities are threaded throughout the 7 areas of learning. Children are taught to log on independently with a username and password and choose different activities within Purplemash to support their learning. They use digital cameras independently, recording devices, remote control toys and Beebots.					
Year 1	Unit 1.1 Online Safety & Exploring Purple Mash (4)	Unit 1.3 Pictograms (3)	Unit 1.5 Maze Explorers (3)	Unit 1.6 Animated Story Books (5)	Unit 1.7 Coding (6)	Unit 1.8 Spreadsheets (3)
	Unit 1.2 Grouping & Sorting (2)	Unit 1.4 Lego Builders (3)				Unit 1.9 Technology outside school (2)
Year 2	Unit 2.2 Online Safety (3)	Unit 2.1 Coding (2)	Unit 2.4 Questioning (5)	*Unit 2.5 Effective Searching (3)	Unit 2.6 Creating Pictures (5)	*Unit 2.7 Making Music (2)
	Unit 2.1 Coding (3)	Unit 2.3 Spreadsheets (4)			*Unit 2.7 Making Music (1)	Unit 2.8 Presenting Ideas (4)
Year 3	Unit 3.2 Online Safety (3)	Unit 3.1 Coding (3)	Unit 3.3 Spreadsheets (1)	Unit 3.5 Email including E-safety (5)	Unit 3.5 Email including E-safety (1)	Unit 3.7 Simulations (3)
	Unit 3.1 Coding (3)	Unit 3.3 Spreadsheets (2)	*Unit 3.4 Touch Typing (4)		Unit 3.6 Branching Databases (4)	Unit 3.8 Graphing (3)
Year 4	Unit 4.2 Online Safety (4)	Unit 4.1 Coding (4)	Unit 4.3 Spreadsheets (4)	*Unit 4.4 Writing for different audiences (4)	Unit 4.5 Logo (3)	*Unit 4.7 Effective Search (3)
	Unit 4.1 Coding (3)	Unit 4.3 Spreadsheets (2)	*Unit 4.4 Writing for different audiences (1)	Unit 4.5 Logo (1)		Unit 4.6 Animation (3)
Year 5	Unit 5.2 Online Safety (3)	Unit 5.1 Coding (3)	Unit 5.3 Spreadsheets (3)	Unit 5.4 Databases (2)	Unit 5.6 3D Modelling (4)	*Unit 5.8 Word Processing (8)
	Unit 5.1 Coding (3)	Unit 5.3 Spreadsheets (3)	Unit 5.4 Databases (2)	Unit 5.5 Game Creator (5)	Unit 5.7 Concept Maps (4)	
Year 6	Unit 6.2 Online Safety (2)	Unit 6.1 Coding (2)	*Unit 6.4 Blogging (5)	*Unit 6.5 Text Adventures (5)	Unit 6.7 Quizzing (6)	Unit 6.6 Networks (3)
	Unit 6.1 Coding (4)	Unit 6.3 or 6.9 Spreadsheets (5 or 8)				Unit 6.8 Understanding Binary (4)