

Hambridge Computing Curriculum

Discovery (FS/Y1) – 1 year rolling programme.

EYFS Curriculum (From development matters)

Personal, Social and Emotional Development	Show resilience and perseverance in the face of a challenge. Know and talk about the different factors that support their overall health and wellbeing: -sensible amounts of 'screen time'.
Physical Development	Develop their small motor skills so that they can use a range of tools completely, safely and confidently.
Expressive Arts and Design	Explore, use and refine a variety of artistic effects to express their ideas and feelings.
ELG (Physical Development and Managing Self)	Be confident to try new activities and show independence, resilience and perseverance in the face of a challenge. Explain the rules, know right from wrong and try to behave accordingly.
ELG Expressive Arts and Design and Creating with Materials.	Safely use and explore a variety of materials, tools, techniques, experimenting with colour, design, texture, form and function.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
FS	Opportunities through continuous provision (see skills progression). Online safety refer to Active Bytes and incorporate into continuous provision.					
Topic (Y1)	Technology Around us (Year 1 unit)	Digital Printing (Year 1 unit)	Grouping Data (Year 1 unit)	Moving a Robot (Year 1 unit)	Digital writing (Year 1 unit)	Programming Animations (Year 1 unit)
Online safety	Autumn 1 Y1	Autumn 2 Y1	Spring 1 Y1	Spring 2 Y1	Summer 1 Y1	Summer 2 Y1

Pippin (Y2/3) – 2 year rolling programme.

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
A (2023-2024)	Topic	IT around us. (just to Y2 pupils to meet the end of KS1 expectations)	Creating media - stop frame animation (Y3).	Data and information Pictograms (Y2)	Programming Quizzes (Y2)	Digital Photography (Year 2 unit)	Events and Actions in programmes (Y3 unit)
	Online Safety	Autumn 1 Y2		Spring 1 Y2		Summer 1 Y2	
B (2024-2025)	Topic	IT around us (just to Y2 pupils to meet the end of KS1 expectations)	Presentation (Year 2 and Year 3 Twinkl - refer to skills progression)	Data Handling FREE - Year 2 Data Handling - iLearn2 Primary	Robot Algorithms (Y2)	Digital Music (Year 2 Unit)	Sequencing sounds (Y3 unit) - watch children who haven't used scratch yet.

				Computing. Made Easy.			
	Online Safety		Autumn 2 Y2		Spring 2 Y2		Summer 2 Y2

Bramley (Y3/4) – 2 year rolling programme

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
A (2023-2024)	Topic	Connecting Computers to just Y3 pupils. The Internet to just Y4 pupils.	Animation FREE Year 4 Animation (ilearn2.co.uk)	Branching Databases (Year 3 unit)	Year 3 (twinkl) Programming turtle	Photo Editing (Year 4 Unit) – watch children who missed digit photography unit in Pippins)	Repetitions in Shapes (Y4) – watch children who missed sequencing sounds.
	Online Safety	Autumn 1 Y3	Autumn 2 Y4	Spring 1 Y3	Spring 2 Y4	Summer 1 Y3	Summer 2 Y4
B (2024-2025)	Topic	Connecting Computers to just Y3 pupils. The Internet to just Y4 pupils.	Desktop Publishing (Year 3 unit)	Data and information – Data logging (Year 4 unit)	Year 4 (twinkl) Coding with scratch: Questions and quizzes.	Audio Sound (Year 4 Unit) (watch children who missed digit music in Pippin)	Repetition in Games (Y4) – watch for those children who missed previous repetition learning.
	Online Safety	Autumn 1 Y4	Autumn 2 Y3	Spring 1 Y4	Spring 2 Y3	Summer 1 Y4	Summer 2 Y3

Liberty (Y5/6) – 2 year rolling programme

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
A (2023-2024)	Topic	Systems and Searching (Year 5 unit)	Introduction to Vector (Year 5 unit)	Flat-file Databases (Year 5 unit)	Selection in Quizzes (Year 5)	3D modelling (Year 6 unit)	Sensing Movement (Year 6 unit)
	Online Safety	Year 5 Autumn 1	Year 6 Autumn 2	Year 5 Spring 1	Year 6 Spring 2	Year 5 Summer 1	Year 6 Summer 2
B (2024-2025)	Topic	Communication and Collaboration	Video Production	Spreadsheets	Selection in Physical Computing	Web Page Creation	Sensing Movement
	Online Safety	Year 6 Autumn 1	Year 5 Autumn 2	Year 6 Spring 1	Year 5 Spring 2	Year 6 Summer 1	Year 5 Summer 1

Strand Coverage - Year A and B (2023-2025)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Discovering	Computing Systems and Networks	Creating Media	Data and information	Programming	Creating Media	Programming
Pippin	Computing Systems and Networks	Creating Media	Data and information	Programming	Creating Media	Programming
Bramley	Computing Systems and Networks	Creating Media	Data and Information	Programming	Creating Media	Programming
Liberty	Computing Systems and Networks	Creating Media	Data and information	Programming	Creating Media	Programming

Online Safety Coverage Strands (Use Active Bytes)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Hambridge FS - Y6	I am kind and responsible	I am kind and responsible.	I am safe and secure	I am safe and secure	I am healthy	I am healthy