COMPUTING COMPOSITE KNOWLEDGE COVERAGE
KEY STAGE 4

Intent: Build upon previous learning to develop their digital literacy, as well as their capability, creativity and knowledge in computer science and information technology, to prepare students for their future lives.

		CYCLE A - 2025-2026	CYCLE B - 2026-2027	Running throughout each cycle
Autumn	1	• Digital Literacy **Online Safety** National Curriculum Links: Understand how changes in technology affect safety, including new ways to protect their online privacy and identity, and how to report a range of concerns. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	• Digital Literacy **Digital Wellbeing** National Curriculum Links: Understand how changes in technology affect safety, including new ways to protect their online privacy and identity, and how to report a range of concerns. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	• Digital Literacy SMART Logins and passwords National Curriculum Links: Understand how changes in technology affect safety, including new ways to protect their online privacy and identity, and how to report a range of concerns • Information Technology Saving work Retrieving work Files and folders National Curriculum Links: Develop their capability, creativity and knowledge in computer science, digital media, and information technology • Physical Computing Using digital devices National Curriculum Links: Develop and apply their analytic, problem-solving, design, and computational thinking skills
	2	• Digital Media **Audio Visual Media** National Curriculum Links: Develop capability, creativity and knowledge in computer science, digital media, and information technology. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	• Digital Media **Websites** National Curriculum Links: Develop capability, creativity and knowledge in computer science, digital media, and information technology. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	
Spring	1	• Computer Science **Computing for Function** National Curriculum Links: Develop and apply their analytic, problem-solving, design, and computational thinking skills. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	• Computer Science **Computing for Entertainment** National Curriculum Links: Develop and apply their analytic, problem-solving, design, and computational thinking skills. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	
	2	• Information Technology and Digital Literacy **IT and the World of Work** National Curriculum Links: Develop capability, creativity and knowledge in computer science, digital media, and information technology. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	• Information Technology and Digital Literacy **IT and the World of Work** National Curriculum Links: Develop capability, creativity and knowledge in computer science, digital media, and information technology. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	

The KS4 Computing Curriculum is based on and utilises content from The National Centre for Computing Education's Teach Computing curriculum teachcomputing.org/curriculum/key-stage-4 (non-GCSE).It is adapted and differentiated to suit the individual needs of our Key Stage 4 learners

Summer	**1**	• Information Technology **Dealing with Data (Project)** National Curriculum Links: Develop and apply their analytic, problem-solving, design, and computational thinking skills. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	• Information Technology **Using IT in Project Management** National Curriculum Links: Develop and apply their analytic, problem-solving, design, and computational thinking skills. ***National Curriculum coverage to be taught at differentiated Developmental steps.***	
	2	• Digital Literacy **Digital Life Skills** National Curriculum Links: Understand how changes in technology affect safety, including new ways to protect their online privacy and identity, and how to report a range of concerns. ***National Curriculum coverage to be taught at differentiated Developmental steps.***		