Computing Curriculum Overview

Year Group	Autumn *Text and Graphics/Online Safety*	Spring *Media/Online Safety*	Summer *Coding/Online Safety*
Nursery	Mouse and keyboard skills.	Photographs. Uses of information technology beyond school.	Instructions and directions.
Reception	Log On. Mouse and keyboard skills.	Digital image or moving image. Uses of information technology beyond school.	Control movement. Solve simple problems.
Year 1	Log On. Mouse and keyboard skills. Use technology safely and respectfully.	Images and text.	Control movement and collision Create and debug code.
Year 2	Mouse and keyboard skills. Format text, images and shapes. Use technology safely and respectfully.	Images, text and audio.	Code using objects, actions, events and outputs. Create and debug simple programs.
Year 3	Keyboard shortcuts. Import and format images. Use technology safely, respectfully and responsibly.	Images with text.	Design and write programs. Stimulate a physical system and introduce variables. Create and debug simple programs with some explanations.
Year 4	Keyboard shortcuts. Import and format images and text. Use technology safely, respectfully and responsibly.	Images, text and audio.	Design and write programs. Use variables to control simulation. Create and debug simple programs with explanations.
Year 5	Insert, format and wrap text and text boxes. Create graphs and format cells. Use technology safely, respectfully and responsibly.	Images, text and audio. Still image or video.	Design and write programs using variables. Create and debug programs explaining problem solving.
Year 6	Create graphs and format cells. Communicating online. Use technology safely, respectfully and responsibly.	Images, text, audio and video.	Design and write a complex program. Detect and correct errors.