



Nunnery Wood Primary School Computing Overview 2020-2021



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Technology around us	IT around us	Connecting Computers	The Internet	Sharing Information	Communication
Autumn 2	Digital Painting	Digital Photography	Animation	Audio Editing	Vector Drawing	Scratch Perimeter
Spring 1 Safer Internet Day 9 th Feb	Internet Legends Plans	Internet Legends Plans	Internet Legends Plans	Internet Legends Plans	Internet Legends Plans Databases	Powerpoint presentations Internet Legends Plans
Spring 2	Digital Writing	Making Music	Desk Top Publishing	Photo Editing	Video Editing	Databases – solar panels
Summer 1	Beebots	Beebots 2	Scratch - Conversation	Scratch – Travel Europe	Scratch – Crab Maze	Programming micro:bit
Summer 2	Human Crane – understanding algorithms	Story –Code it.	Scratch – Magic Carpet	Scratch – Slug Trail	Scratch – Primary Games	Web Page Creation

The order the topics are taught in throughout the year may vary to fit into year groups' themes. Digital Literacy is taught throughout all units of work.

Information Technology - the skills required to produce work using computers, such as creating presentations, publishing work, taking photos and videos, and creating digital artwork.

Computer Science – the understanding of how digital systems work and how to use this knowledge to write computer programs. Children will learn key concepts such as: decomposition, abstraction, debugging, algorithms, sequencing and variables. This will enable them to develop logical reasoning and problem solving skills, which can be used across a wide range of subjects. The children are also taught about computer networks, parts of a computer and how packets of data are sent via the internet.

Digital Literacy – The E-safety elements of the curriculum. The children are taught about how to stay safe online: cyber-bullying, social-media etiquette, safe passwords, privacy settings and issues related to copyright and plagiarism, to name a few.