Purbrook Junior School
Computing Overview 2022-2023

Key

-Main Computing area

-End outcome

-Online Safety will be implemented across all terms

	Autumn	Spring	Summer
Year 3	**Autumn 1: We are artists** *Information Technology* Produce a Kandinsky style piece of artwork using Google Docs for the cover of their Art books	**Spring 1: We are presenters** *Digital Literacy* Advertise and film a Stone Age house as an estate agent	**Summer 1: We are architects** *Computer Science* Produce a computer-aided design (CAD) drawing of a Roman Villa
	Autumn 2: We are researchers *Information Technology* Produce a 'My Dream Journey' fact file including facts and photographs of their three chosen destinations	**Spring 2: We are reporters** *Information Technology* Produce a report on a Stone Age house in the style of an estate agent and film with green screen and narration	**Summer 2: We are animators** *Computer Science* Using scratch, create an animation of a plant growing
Year 4	**Autumn 1: We are editors** *Information Technology* Produce a 'This is Me' poem using the Google Docs program	**Spring 1: We are programmers** *Computer Science* Design an algorithm using Crumble that will allow a robot head to light up	**Summer 1: We are sound editors** *Computer Science* Produce a voiceover narrative for a Viking saga with soundscape effects
	Autumn 2: We are software developers *Computer Science* Design a multiplication tables game that their peers will be able to play	**Spring 2: We are collaborative historians** *Digital Literacy* Produce their own Wiki page based on the Anglo-Saxons they have studied	**Summer 2: We are spreadsheet experts** *Information Technology* Create a spreadsheet that reflects their healthy food diary
Year 5	**Autumn 1: We are bloggers** *Information Technology* Produce a blog on their experiences of fair trade	**Spring 1: We are game developers** *Computer Science* Using scratch, develop a rocket ship game	**Summer 1: We are website designers** *Digital Literacy* Design a webpage focused around the

			Greeks using a website builder
	Autumn 2: We are radio presenters *Digital Literacy* Write and record their own radio station about their trip to the Mary Rose	**Spring 2: We are cryptographers** *Information Technology* Decipher codes and create their own cipher algorithm	**Summer 2: We are interface designers** *Computer Science* Design a complex algorithm using Crumble that will allow a buggy to move
Year 6	**Autumn 1: We are historical architects** *Computer Science* Design and build a Mayan civilisation using the Minecraft education gaming software	**Spring 1: We are website designers** *Digital Literacy* Develop a multi-purpose website on Ancient Egypt using hyperlinks	**Summer 1: We are animators** *Computer Science* Produce their own stop-motion animations that reflects the process of evolution
	Autumn 2: We are geographic researchers *Information Technology* Where do our clothes come from? Create detailed spreadsheets using a formula	**Spring 2: We are photo editors** *Digital Literacy* Produce a photo album of images that have been manipulated to reflect the importance of a healthy body image	**Summer 2: We are publishers** *Information Technology* Create a year book as a cohort