



## Computing – Subject Overview

2020 - 2021

Subject/enrichment	Autumn 1	Autumn 2	Spring 1 <i>Safer Internet Day</i>	Spring 2	Summer 1	Summer 2
<b>Subject Enrichment</b>	<i>Safer Internet Day</i>					
<b>Reception</b>	Whiteboard	iPad activities	Technology all around	Photography using iPads	Beebots	Choosing and using ICT
<b>Year 1</b>	Independently log on and off a computer. Turn the screen off and tell the teacher if something inappropriate appears.	Save work in their area using an appropriate name.	Open saved work in their area. Use technology safely and respectfully, identify where to go for help.	Highlight text in order to change font, size and colour.	Recognise common uses of IT beyond school.	Create and debug simple programs. Use logical reasoning to predict the behaviour of simple programs.
<b>Year 2</b>	Non-Negotiables	DL - electronic communication	CS - computational thinking / programming	IT - data handling	IT - presenting information	CS - programming
<b>Year 3</b>	IT - movies / multimedia	CS - programming / computational thinking	IT / DL - digital research	CS - programming / hardware	DL / CS - communication and collaboration / networking	IT - presenting information
<b>Year 4</b>	CS - programming / hardware	IT - data handling	IT- graphics and images / modelling and simulation	IT - sound / multimedia	IT / DL - digital research	CS - computational thinking
<b>Year 5</b>	Non-Negotiables/data handling	Computer networks/coding	Simulations and modelling	Computer programming: algorithms	Computer programming: using variables in programs	Multimedia tasks: design, create manage and manipulate digital content
<b>Year 6</b>	Digital Content (Electronic Composition)	Digital Content (Multimedia)	Digital Research	Computational Thinking	Programming	