



# Computing Overview

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Online Safety is taught throughout the year through in-class assemblies and as part of PSHE</b>					
Programming	Online Technologies	Data Handling	Digital Literacy	Multimedia	Word Processing
KS1 Pupils should be taught to understand what algorithms are; how they are implemented as programs on digital devices. Create and debug simple programs.	KS1 Pupils should be taught to recognise common uses of information technology beyond school.	KS1 Pupils should be taught to use technology purposefully to create, organise, store, manipulate and retrieve digital content.	KS1 Pupils should be taught to use technology safely and respectfully, keeping personal information private.	KS1 Pupils should be taught to use technology purposefully to create, organise, store, manipulate and retrieve digital content.	KS1 Pupils should be taught to use technology purposefully to create, organise, store, manipulate and retrieve digital content.
KS2 Pupils should be taught to design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.	KS2 Pupils should be taught to use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.	KS2 Pupils should be taught to select, use and combine a variety of software...that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.	KS2 Pupils should be taught to use technology safely, responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	KS2 Pupils should be taught to select, use and combine a variety of software...to design, create and present information.	KS2 Pupils should be taught to select, use and combine a variety of software...to present information.
Apps/Equipment	Apps/Equipment	Apps/Equipment	Apps/Equipment	Apps/Equipment	Apps/Equipment
2Code 2Logo  Bee-bots iPads Netbooks	iPads Netbooks	Excel Numbers 2Count 2Graph  iPads Netbooks	Chrome Safari  iPads Netbooks	iMovie Adobe Premiere  Filming equipment Anomaly laptop iPads	Word Pages  Netbooks iPads