

Computing Links across the year groups

Children should be able to understand the connections between the different strands of computing.

Area of computing	KS1 content	KS2 content
Use technology safely	Keep personal information safe, know where to go for help and concerns with any content or contact on the internet.	Recognise acceptable/unacceptable behaviour and identify ways to report concerns about content or contact.
Algorithms, writing and debugging programs	Understand an algorithm, how they are used and how programs execute them. Create and debug simple programs.	Use logical reasoning to explain how algorithms work and detect and correct errors in algorithms. Design write and debug problems in programs. Solve problems by decomposing into smaller parts
Worldwide web and uses of the internet	Recognise uses of the internet beyond school.	Understand computer networks including the internet. How they provide multiple services and the opportunity they offer for collaboration and communication.
Use technology to create, organise, store and retrieve digital content	Creating, organising, storing and retrieving digital content.	Select and use a variety of different digital software on different devices to create, program or accomplish a given goal which includes analysing, collecting, evaluating and presenting data.