

LONG TERM FORECAST**Key Stage 1 Computing****2014/2016**

Pupils should be taught to:

1. understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
2. create and debug simple programs
3. use logical reasoning to predict the behaviour of simple programs
4. use technology purposefully to create, organise, store, manipulate and retrieve digital content
5. use technology safely and respectfully, keeping personal information private; know where to go for help and support when they have concerns about material on the internet
6. recognise common uses of information technology beyond school.

Current year 1/2 Year A	E Safety and Technology in our lives (5) Programming (5,6)	Multi media (4,5,6) Handling data(4,5,6)	Communication and collaboration (4,5,6)
Current year 1/2 Year B	A1E-safety and technology in our lives (5) A2Programming (1,2,3,5,6)4	Sp1 Multimedia(4,5,6) Sp2 Handling data(4,5,6)	Sum1 communicating and collaborating(4,5,6)
Other opportunities	Photography (Geography)(4) Character Profile (Literacy/ History)(4,5,6)	Moving around Maps (Geography) Talking Books (4,5,6) (Literacy/History)(4,5,6)	Graphs (Science/Maths)(4,5,6)
	Publish a newsletter (Lit/Hist/Geo) Illustrate a book (Lit/Hist)(4,5,6)		Bug Hunt data (Science)(4,5,6)