**ICT in Lower Key Stage 2**

**Computer Science:**

* I can work with variables
* I can create programs that accomplish specific goals
* I can debug and improve programs that accomplish specific goals
* I can use repetition and selection in programs

**Information Technology:**

* I can create video as part of learning
* I can plan and create animation
* I can combine a variety of software to accomplish given goals
* I can recognise how search results are selected and ranked
* I can create music and sound using technology

**Digital Literacy:**

* I can recognise acceptable & unacceptable online behaviour
* I can identify a range of ways to report concerns about contact and content
* I can respond to e-safety scenarios with sensible advice
* I can think carefully when I evaluate digital content
* I can edit and improve on-screen writing, including using spell-check and the thesaurus



**Key studies within Computing in Lower Key Stage 2**

**Problem Solving and Logical Thinking**

* Use repeat instructions to draw regular shapes on screen, using commands
* Make turns specifying the degrees and steps needed
* Make accurate predictions about the outcome of a program they have written

**Creative Content**

* Use editing software to manipulate media (e.g. crop, add effects, manipulate audio)
* Capture images using a range of devices (e.g. webcams, screen capture, scanning)
* Insert media into a presentation (image, video, audio)
* Know how to manipulate, underline, centre text, change font and size

**Making Things Happen**

* Understand the importance of clear and precise instructions
* Use algorithms to control movement
* Create and debug simple programs when they go wrong

**Networks and the Internet**

* Understand different ways to send a message
* Recognise, send and reply to an email address and use @ in emails
* Use a search program and understand how to rank information
* Navigate a website by clicking on links and use the back button to return to a previous page
* Understand the importance of email safety

**Using ICT**

* Use ICT across a range of subjects to organise and present their work using a range of software
* Create and position text, alter font and align text
* Use word count, bullets, numbering, columns and rows
* Order and organise text using a word processing program
* Record using video and sound, and amend what they have recorded

**Digital Literacy**

* Find relevant information by browsing
* Use the automatic spell checker to edit spellings
* Use a search engine to find a specific website
* Save files (e.g. word doc, pictures) to an appropriate folder
* Know how to manipulate text (e.g. underline text, centre text, change font and size)
* Navigate using an internet browser (e.g. use tabbed browsing to open two or more web pages)