Curriculum Coverage – KS1 – Year 1

Year 1 Computing MTP Overview

	Autumn 1 **Digital Literacy** Term focus: Food Glorious Food	Autumn 2 **Computer Science** All about Calmore	Spring 1 **Information Technology:** Term focus: Queens	Spring 2 **Information Technology:** Florence Nightingale & Mary Seacole	Summer 1 **Computer Science**: Animals & Plants	Summer 2 **Information Technology** British Seaside Holidays
Learning intentions	I can identify technology around me I can understand the purpose of different technology. I can begin to understand how some technology works. I can explore a database.	I can begin to understand how computers work. I can understand what algorithms are. I can explore using an algorithm. I can understand and explain the use of ICT	I can log in using my username and password independently. I can load a program I can use my mouse control to draw onscreen, using a range of tools. I can type a sentence with simple keyboard skills. I can print and save my work	I can begin to record a video using a device. I can use a paint package to create a picture to communicate my ideas I can save my work with help I can open, save and print my work independently.	I can understand that algorithms are precise I can begin to programme a simple sequence of commands into a programmable toy.	I can begin to take photos using a device. I understand how data can be shown. I can use ICT to begin to organise items. I can record a video I can think about what makes a good video

Curriculum Coverage – KS1 – Year 2

Year 2 Computing MTP Overview

	Autumn 1 **Digital Literacy Computer Science** *Snail's World Adventure*	Autumn 2 **Information Technology** *Neil Armstrong*	Spring 1 **Information Technology** *Great Fire of London*	Spring 2 **Computer Science Information Technology** *Animals & Their Habitats*	Summer 1 **Information Technology** *Uganda*	Summer 2 **Computer Science** *Castles*
Learning intentions	I can understand the purpose of, and begin to independently use a range of different technology.

I can identify technology in our world.

I can discuss the pros and cons for technology.

I can understand how a computer uses instructions and commands.

I can use algorithms to solve a problem. | I can improve my typing skills and edit my work.

I can plan a video recording.

I can use an iPad to film a video.
I can use an app to create and edit my work. | I can create, save, organise and retrieve digital content. | I can use technology to create graphs and show data.

I can predict what will happen in a program.

I can record a simple sequence of instructions to control a programmable toy.

I can create a plan of the steps needed to solve a more complicated problem | I can copy and insert images.

I can manipulate digital content. | I can debug my programs.

I can identify errors in my program programs and talk about how to fix them

I can use algorithms to create programs to move an object within simple on-screen program |