Year B Computing KS1

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Units may be split across a term or half term	**Online safety(4 weeks)** To log in safely . To start to understand the idea of 'ownership' of their creative work. To learn how to find saved work in the Online Work area and find teacher comments. To learn how to search to find resources. To become familiar with the types of resources available in the Topics section. To become more familiar with the icons used in the resources in the Topics section. To start to add pictures and text to work. To understand the importance of logging out when they have finished. **Maze Explorers (3 weeks)**	**Questioning (5 weeks)** To show that the information provided on pictograms is of limited use beyond answering simple questions. To use yes/no questions to separate information. To construct a binary tree to separate different items. To use 2Question or equivalent (a binary tree) to answer questions. To use a database to answer more complex search questions. To use the Search tool to find information.	**Online safety(3 weeks)** To know how to refine searches using the Search tool. To know how to share work electronically using the display boards. To use digital technology to share work on Purple Mash to communicate and connect with others locally. To have some knowledge and understanding about sharing more globally on the Internet. To introduce Email as a communication tool using 2Respond or equivalent simulations. To understand how we talk to others when they are not there in front of us. To open and send simple online	**Making music (3 weeks)** To be introduced to making music digitally using 2Sequence or equivalent.To explore, edit and combine sounds using 2Sequence. To add sounds to a tune they've already created to change it. To think about how music can be used to express feelings and create tunes which depict feelings To upload a sound from a bank of sounds into the Sounds section. To record their own sound and upload it into the Sounds section. To create their own tune using the sounds which they have added to the Sounds section	**Spreadsheets (4 weeks)** Reviewing prior use of spreadsheets /introduction Copying and Pasting Totalling tools Using a spreadsheet to add amounts Creating a table and block graph **Pictograms (3 weeks)** To understand that data can be represented in picture format. To contribute to a class pictogram. To use a pictogram to record the results of an experiment	**Presenting ideas (4 weeks)** To explore how a story can be presented in different ways. To make a quiz about a story or class topic. To make a fact file on a nonfiction topic. To make a presentation to the class.

	To understand the functionality of the basic direction keys. To be able to use the direction keys to complete the challenges successfully. To understand how to create and debug a set of instructions (algorithm).		communications in the form of email. To understand that information put online leaves a digital footprint or trail. To begin to think critically about the information they leave online. To identify the steps that can be taken to keep personal data and hardware secure. **Animated story books (5 weeks)** To introduce e-books and 2Create a Story or equivalent. To continue a previously saved story. To add animation to a story. To add sound to a story, including voice recording and music the pupils have created. To work on a more complex story, including adding backgrounds and copying and pasting pages.		

			To use additional features to enhance their stories. To share their e-books on a class display board.			