

Computing

	Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6
Spr 1	LO: Begin to identify some examples of technology around the school		LO: Turn on an ipad and select a given app		LO: Select given app and mark make using finger Select colours on the app . Use the undo button	
Spr 2	LO: I can follow a set of directional instructions Reveal		LO: I can give instructions to direct another person		LO: I can give a robot an instruction GD - I can give a robot two consecutive instructions	
Sum 1	Lo: I can move my mouse and click (MOUSE FINDER GAME MINI MASH)		LO: I can click and drag to build a jigsaw Cow jigsaw mini mash		LO: I can click and drag to draw a sun Busy things Reception draw a sun	
Sum 2	Sea scape selecting different colours (2simple) (rubber and undo)		Mark make and rubber		Mark make, rubber and undo	

Reception

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Aut 2	Intro to Ipads					
Spr 1	LO: I understand what programming is and why it is important. I can follow directional language.	LO: I can use the forwards and backwards buttons on a robot to make it move.	LO: I can use left and right buttons on a robot to make it turn.	LO: I can plan routes for toy vehicles.	LO: I can use the buttons on a floor robot to make it move. I can follow a planned route and describe the route taken using directional vocabulary.	
Spr 2	LO: I can select colours and use a mouse to mark make purposefully on the screen. I can control the pencil width.	LO: I can use the erase and undo button to erase a mark on a screen.	LO: I can select colours and use a mouse to mark make purposefully on the screen. I can control the pencil width. I can use the erase and undo button to erase a mark on a screen.	LO: I can talk about what technology is used at home and what technology I use. I can talk about how to use technology and how to keep myself safe online	LO: I know some ways to be safe when using technology.	LO: I know some ways to be safe when using technology.
Sum 1	LO: I can log onto a computer using my class login details.	LO: I can log onto Purple Mash using the picture login.	LO: I can find the individual letters on the keyboard. I can use the spacebar.	LO: I can find the individual letters on the keyboard.	LO: I can find the individual letters on the keyboard. I can use the spacebar.	LO: I can complete and save a 2Do task set by teacher in 'My Work Area' in Mini Mash '
Sum 2	LO: I can use the built-in sound effects in Purple Mash for a purpose.	LO: I can record spoken words and play these back.	LO: I can record spoken words and play these back.	LO: I can take accurate photos using an iPad.	LO: I can open photos in Purple Mash.	LO: I can record spoken words and play these back.

Year 1

Aut 1	LO: • To log in safely and understand why that is important. • To create an avatar, understand what this is and how it is used. • Create a picture and add their own name to it • Start to understand 'ownership' of creative work. • Save work to the My Work area and understand this is a private space	LO: • Find saved work in the Online Work area. • To learn about what the teacher has access to in Purple Mash. • Find messages left by the teacher on their work. • Learn how to search Purple Mash to find resources.	LO: • 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 Topics section. • To start to add pictures and text to work.	LO: • To explore the Tools area of Purple Mash and to learn about the common icons used in Purple Mash for Save, Print, Open, New. • To explore the Games area on Purple Mash. • To understand the importance of logging out when they have finished.	LO: To sort items using a range of criteria..	LO: To sort items on the computer using the 'Grouping' activities in Purple Mash.
Aut 2	LO: To understand that data can be represented in picture format.	LO: To contribute to a class pictogram.	LO: To use a pictogram to record the results of an experiment.	LO: To emphasise the importance of following instructions.	LO: To follow and create simple instructions on the computer.	LO: To consider how the order of instructions affects the result.
Spr 1	LO: • To understand the functionality of the basic direction keys in Challenges 1 and 2. • To be able to use the direction keys to complete the challenges successfully.	LO: • To understand the functionality of the basic direction keys in Challenges 3 and 4. • To understand how to create and debug a set of instructions (algorithm).	LO: • To use the additional direction keys as part of their algorithm. • Understand how to change & extend algorithm list. • To create a longer algorithm for an activity.	LO: • To provide an opportunity for the children to set challenges for each other. • To provide an opportunity for the teacher to add these challenges to a display board for class to try.		
Spr 2	LO: • To understand the differences between traditional books and ebooks. • To explore the tools of 2Create a Story's My Simple Story level. • To save the page they have created.	LO: • To add animation to a picture. • To play the pages created so far. • To save the additional changes and overwrite the file.	LO: • To add a sound effect to a picture. • To add a voice recording to the picture. • To add created music to the picture.	LO: • To add a background to the story. • To demonstrate a good understanding of all the tools they have used in 2Create a Story and use these successfully to create their own story.	LO: • To use the copy and paste feature to create additional pages. • To continue and complete an animated story. • To create a class display board of the story books created by the class.	
Sum 1	LO: • To understand what instructions are. • To predict what will happen when instructions are followed. • To understand that computer programs work by following instructions called code.	LO: • To use code to make a computer program. • To understand what objects and actions are.	LO: • To understand what an event is. • To use an event to control an object.	LO: • To understand what an event is. • To begin to understand how code executes when a program is run.	LO: • To understand what backgrounds and objects are. • To understand how to use the scale attribute (property).	
Sum 2	LO: • To understand what a spreadsheet looks like. • To be able to navigate around a spreadsheet & enter data. • To learn new vocabulary related to spreadsheets.	LO: • To add clipart images to a spreadsheet. • To use the 'move cell' and 'lock' tools.	Intro to spreadsheets part 2	LO: To use the 'speak' and 'count' tools in 2Calculate to count items.	LO: To find and understand examples of where technology is used in the local community.	LO: To record examples of technology outside school.

Year 2

Aut 1	LO: • Know to refine searches using Search tool. • Share work electronically using the display boards. • Share work on Purple Mash to communicate & connect with others locally. • Know about sharing more globally on the Internet.	LO: • To introduce Email as a communication tool using 2Respond simulations. • To understand how we talk to others when they are not there in front of us. • To open and send simple online communications in the form of email.	LO: • 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.	LO: • To be introduced to making music digitally using 2Sequence. • To explore, edit and combine sounds using 2Sequence.	LO: • To add sounds to a tune to improve it. • To think about how music can be used to express feelings and create tunes which depict feelings.	LO: • 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.
Aut 2	LO: • To explore 2Paint A Picture. • To look at the work of Impressionist artists and recreate them using the Impressionism template.	LO: • To look at the work of pointillist artists such as Seurat. • To recreate pointillist art using the Pointillism template.	LO: To look at the work of Piet Mondrian and recreate it using the Lines template.	LO: To look at the work of William Morris and recreate it using the Patterns template.	LO: To look at some surrealist art and create your own using the eCollage function in 2Paint A Picture.	
Spr 1	LO: • To review the work done in 2Calculate in year 1. • To revise spreadsheet related vocabulary. • To use some 2Calculate tools that were introduced in year 1.	LO: • To use copying, cutting and pasting shortcuts in 2Calculate. • To use 2Calculate totalling tools. • To use 2Calculate to solve a simple puzzle.	LO: To explore the capabilities of a spreadsheet in adding up coins to match the prices of objects.	LO: • To add and edit data in a table layout. • To use the data to manually create a block graph.		
Spr 2	LO: • To understand what an algorithm is. • To create a computer program using an algorithm	LO: • To create a program using a given design. • To understand the collision detection event.	LO: • To understand that algorithms follow a sequence. • To design an algorithm that follows a timed sequence.	LO: • To understand that different objects have different properties. • To understand what different events do in code.	LO: • To create a program using a given design. • To understand the function of buttons in a program.	LO: • To know what debugging means. • To understand the need to test and debug a program repeatedly. • To debug simple programs.
Sum 1	LO: To show that the information provided on pictograms is of limited use beyond answering simple questions.	LO: To use yes/no questions to separate information.	LO: To construct a binary tree to separate different items.	LO: Use 2Question (a binary tree) to answer questions.	LO: • To use a database to answer more complex search questions. • To use the Search tool to find information.	
Sum 2	LO: To understand the terminology associated with the Internet and searching.	LO: To gain a better understanding of searching the Internet.	LO: To create a leaflet to help someone search for information on the Internet.	LO: To explore how a story can be presented in different ways.	LO: To make a quiz about a story or class topic.	LO: To make a fact file on a non-fiction topic. LO: To make a presentation to the class.