

Our Intent is: “To provide our children with a range of technological skills, exposing them to the immense value of technology, whilst also ensuring they understand the importance of staying safe online”



Forton Primary School
Nicky Nook Computing – Year B

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p style="text-align: center;">Digital Literacy <u>Online Safety and Exploring Purple Mash</u></p>	<p style="text-align: center;">Information Technology <u>Questioning</u></p>	<p style="text-align: center;">Information Technology <u>Animated Story Books</u></p>	<p style="text-align: center;">Information Technology <u>Making Music</u></p>	<p style="text-align: center;">Information Technology <u>Pictogram</u></p>	<p style="text-align: center;">Information Technology <u>Presenting Ideas</u></p>
<ul style="list-style-type: none"> • To log in safely and understand why that is important. • To create an avatar and to understand what this is and how it is used. • To be able to create a picture and add their own name to it. • To start to understand the idea of ‘ownership’ of creative work. • To save work to the My Work area and understand that this is private space. • To learn how to find saved work in the Online Work area. • To learn about what the teacher has access to in Purple Mash. • To learn how to see messages left by the teacher on their work. • To learn how to search Purple Mash to find resources. 	<ul style="list-style-type: none"> • 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. • Use 2Question (a binary tree) to answer questions. • To use a database to answer more 	<ul style="list-style-type: none"> • 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. • To add animation to a picture. • To play the pages created so far. • To save the additional changes and overwrite the file. 	<ul style="list-style-type: none"> • To be introduced to making music digitally using 2Sequence. • To explore, edit and combine sounds using 2Sequence. • To add sounds to a tune to improve it. • To think about how music can be used to express feelings and 	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • 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 non-fiction topic. • To make a presentation to the class.

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<ul style="list-style-type: none"> • 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 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. (extension) • To understand the importance of logging out when they have finished. 	<p>complex search questions.</p> <ul style="list-style-type: none"> • To use the Search tool to find information. 	<ul style="list-style-type: none"> • To add a sound effect to a picture. • To add a voice recording to the picture. • To add created music to the picture. • 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. • 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. 	<p>create tunes which depict feelings.</p> <ul style="list-style-type: none"> • 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. 		
<p>Computer Science <u>Maze Explorers</u></p>	<p>Digital Literacy <u>Online Safety</u></p>		<p>Information Technology <u>Spreadsheets</u></p>		
<ul style="list-style-type: none"> • To understand the functionality of the basic direction keys in Challenges 1 and 2. To be able to 	<ul style="list-style-type: none"> • To know how to refine searches using the Search tool. 		<ul style="list-style-type: none"> • To understand what a spreadsheet 		

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<p>use the direction keys to complete the challenges successfully.</p> <ul style="list-style-type: none"> • 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). • To use the additional direction keys as part of their algorithm. • To understand how to change and extend the algorithm list. • To create a longer algorithm for an activity. • 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 the class to try. 	<ul style="list-style-type: none"> • 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 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. • To understand that information put online leaves a 		<p>is used for. To understand what a spreadsheet looks like.</p> <ul style="list-style-type: none"> • To be able to navigate around a spreadsheet and enter data. • To learn new vocabulary related to spreadsheets. • To add different types of images to a spreadsheet. To use images as calculation aids. • To use the ‘move cell’ tool to make images drag able. • To use clipart images in a spreadsheet. 		
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	<p>digital footprint or trail.</p> <ul style="list-style-type: none">• 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.		<ul style="list-style-type: none">• To assign values to images.• To use assigned values in calculations.• To use 2Calculate totalling tools.• To use 2Calculate to solve a simple puzzle.• To use the ‘speak’ and ‘count’ tools in 2Calculate to count items.• To add and edit data in a table layout.• To find out how spreadsheet programs can automatically create graphs from data.		
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