

Class: Year 1

Unit		
Aut 1 Unit title: Intro to Purple Mash/Creative Computing	<u>National Curriculum coverage</u> - use technology purposefully to create, organise, store, manipulate and retrieve digital content - recognise common uses of information technology beyond school - use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.	<u>Key computing skills</u> <ul style="list-style-type: none"> • To login and create my own avatar on Purple Mash. • To open an activity and then save the work to the 'My Work' area. • To understand how to complete work in the 2Dos area in Purple Mash. • To use paint tools to draw a picture. • To create a jigsaw using a digital device and share it so that others can play. • To create a placing game in 2DIY. • To create images and use these to make a game.
Aut 2 Unit title: Data Explorers	<u>National Curriculum coverage</u> - use technology purposefully to create, organise, store, manipulate and retrieve digital content - recognise common uses of information technology beyond school	<u>Key computing skills</u> <ul style="list-style-type: none"> • To think carefully about the steps of grouping items. • To group items using a computer. • To sort different items. • To understand that data is information that can be collected and used. • To understand that data can be shown using pictures. • To collect data and create a pictogram.
Spr 1 Unit title: Creating and Following Instructions	<u>National Curriculum coverage</u> - understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions - create and debug simple programs - use logical reasoning to predict the behaviour of simple programs	<u>Key computing skills</u> <ul style="list-style-type: none"> • To understand that an algorithm is a set of instructions. • To follow and create simple instructions on a device. • To sequence algorithms that require a correct order.
Spr 2 Unit title: Animated Story Books	<u>National Curriculum coverage</u> - use technology purposefully to create, organise, store, manipulate and retrieve digital content - recognise common uses of information technology beyond school	<u>Key computing skills</u> <ul style="list-style-type: none"> • To understand some differences between traditional books and digital books. • To draw a character for a 2Create a Story digital book. • To understand the difference between backgrounds and other objects on the screen in 2Create a Story. • To add animation to objects in 2Create a Story. • To add text to a 2Create a Story file. • To add sounds to a 2Create a Story file.
Sum 1 Unit title: Coding	<u>National Curriculum coverage</u> - understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions - create and debug simple programs - use logical reasoning to predict the behaviour of simple programs	<u>Key computing skills</u> <ul style="list-style-type: none"> • To understand that computer programs work by following instructions called code. • To use object and action code blocks to make a computer program. • To understand what an event is in coding. • To understand the purpose of an output and to be able to 'read' code to find out what it does. • To change aspects of the design view. • To plan and make a computer program.
Sum 2 Unit title: Technology Outside School	<u>National Curriculum coverage</u> - use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about	<u>Key computing skills</u> <ul style="list-style-type: none"> • To know what the word technology means. • To know what technology is used in school. • To consider the purposes of technology used in the wider world.

	<p>content or contact on the internet or other online technologies.</p> <p>- use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.</p>	<ul style="list-style-type: none">• To understand the safe use of technology devices.
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