

Year 2	Computing					
KS1 Objectives	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Focus	Using the Internet	Presentation Skills	Online Safety	Preparing for Turtle Logo/ Programming Turtle Logo and Scratch	Computer Art	Using and Applying
To understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions				<p>This unit prepares children for using Turtle Logo on screen, but links well to shape and direction in Maths.</p> <p>Children will use small figures to follow routes on paper. This is an important transition from the real to the screen.</p>		<p>Understand what algorithms are; and that programs execute by following precise and unambiguous instructions using Scratch.</p>
To create and debug simple programs				<p>This unit prepares children for using Turtle Logo on screen, but links well to shape and direction in Maths.</p> <p>Children will use small figures to follow routes on paper. This is an important transition from the real to the screen.</p>		<p>. Create and debug simple programs using Scratch.</p>
To use logical reasoning to predict the behaviour of simple programs				<p>This unit prepares children for using Turtle Logo on screen, but links well to shape and direction in Maths.</p> <p>Children will use small figures to follow routes on paper. This is an important transition from the real to the screen.</p> <p>Use logical reasoning to predict the behaviour of</p>		<p>Use logical reasoning to predict the behaviour of simple programs using Scratch.</p>

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				<p>simple programs using Turtle Logo.</p> <p>Use logical reasoning to predict the behaviour of simple programs using Scratch.</p>		
<p>To use technology purposefully to create, organise, store, manipulate and retrieve digital content</p>	<p>To use technology purposefully to retrieve digital content in the context of using a search engine online.</p> <p>To use technology purposefully to retrieve digital content in the context of using an online search engine.</p> <p>To use technology purposefully to retrieve digital content in the context of using links on the Internet.</p> <p>To use technology purposefully to retrieve digital content in the context of creating images for an online blog.</p> <p>Use technology purposefully to create, organise, store and retrieve digital content in the context of adding images and text to an online blog</p>	<p>Teachers may choose their own context for the content of the presentation, but it could relate to the current topic. The lesson focuses on what presentations are.</p> <p>Teachers may choose their own context for the content of the presentation, but it could relate to the current topic. The lesson focuses on slides and adding text.</p> <p>Teachers may choose their own context for the content of the presentation, but it could relate to the current topic. The lesson focuses on slides and adding images.</p> <p>Teachers may choose their own context for the content of the presentation, but it could relate to the current topic. The lesson focuses on reordering slides and presenting.</p>			<p>To use technology purposefully to create, organise, store, manipulate and retrieve digital content in the context of using a computer program to recreate an artistic style.</p>	<p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content, in the context of creating computer art in a particular style.</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content, in the context of comparing different styles of computer art.</p> <p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content, in the context of creating a presentation.</p>

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To recognise common uses of information technology beyond school			<p>Recognise common uses of information technology beyond school in the context of looking at how much information we can find out about a person online.</p> <p>Recognise common uses of information technology beyond school in the context of finding relevant information about a destination using keywords.</p> <p>Recognise common uses of information technology beyond school in the context of reviewing websites.</p> <p>Recognise common uses of information technology beyond school in the context of identifying cyberbullying</p>			
To 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.	To 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 in the context of using a search engine online.	<p>Children will revise skills from previous unit and learn to create folders.</p> <p>Children will learn simple searching and printing options.</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 in the context of looking at how much information we can			

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	<p>To 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 in the context of using an online search engine.</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 in the context of using links on the Internet.</p> <p>Use technology safely and respectfully, keeping personal information private in the context of creating images for an online blog.</p> <p>Use technology safely and respectfully, keeping personal information private in the context of adding images and text to an online blog.</p>		<p>find out about a person online.</p> <p>Use technology safely and respectfully in the context of finding relevant information about a destination using keywords.</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 in the context of identifying appropriate websites for children.</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 in the context of reviewing websites.</p> <p>Use technology safely and respectfully, keeping personal information private; identify where to go for help and support</p>			

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	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 in the context of posting comments on other people's blogs.		when they have concerns about content or contact on the internet or other online technologies in the context of identifying cyberbullying 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 in the context of answering questions about online safety and scenarios to complete a game.			
HC Confidence /Aspiration /Resilience / Spirituality						