



Caring, Successful,
Happy Learners

Learning Organiser **Computing**

Exploring the Wider World

Year 2
Summer Term

British and School Values				Basic Skills (Reading & Communication)	Personal Development Positive mental and physical well being	Wonderful Words (Vocabulary & Quality Texts)	Memorable Experiences
respect	caring	safety	best				

Key Substantive “sticky” Knowledge I know...	Key Disciplinary Knowledge & Skills I can...	Learning Sequence			
			Substantive knowledge	Disciplinary knowledge objective	Activity
<p>Examples of the wider uses of technology in the World.</p> <p>How the internet and digital devices can be used safely to find things out and to communicate with others.</p> <p>The rules for keeping safe online: That not all information seen online is true</p> <p>Instructions in an algorithm need to be clear and unambiguous</p> <p>Digital content can be produced in different ways / programmes.</p>	<p>Begin to explain the importance of the Keeping Safe Online Rules.</p> <p>Evaluate the success of an algorithm or program</p> <p>Identify and correct errors in a given algorithm or program</p> <p>Use a search engine to retrieve information and answer simple questions.</p> <p>Navigate through straight forward digital content to find specific information.</p> <p>Create and amend a multimedia resource for a clear purpose, showing an awareness of the audience.</p> <p>Edit my work to improve it.</p>	1	How the internet and digital devices can be used safely to find things out and to communicate with others The rules for keeping safe online: That not all information seen online is true	Know how to keep safe online.	Discussion/ recap the rules for internet safety. Use Twinkl powerpoint to support.
		2	How the internet and digital devices can be used safely to find things out	Use a search engine to retrieve information and answer simple questions. Navigate through straight forward digital content to find specific information.	Model how to use a search engine to retrieve information about Neil Armstrong interesting facts.
		3	Digital content can be produced in different ways / programmes.	Create and amend a multimedia resource for a clear purpose, showing an awareness of the audience. Edit my work to improve it.	Introduce how to create a multimedia presentation. Step by step instructions to create a presentation about Neil Armstrong including pictures.
		4	Instructions in an algorithm need to be clear and unambiguous	Evaluate the success of an algorithm or program	Develop an algorithm and record the outcome.
			Identify and correct errors in a given algorithm or program		Using given algorithm run the sequence and then correct any errors.

Prior Knowledge I remember	Wonderful Words Key Vocabulary		Planned Experiences and Enrichment
<ul style="list-style-type: none"> -Uses of IT in the world around me. -Ways of staying safe online. -Algorithms need to be clear and precise. -Programming beebots. -Creating my own simple algorithms. -Beginning to debug errors in algorithms. -Researching digital content to find specific information. -Creating my own digital content. -Starting to assembly digital content. 	Known Vocabulary	New Vocabulary	-Using beebots / iPad coding apps iPad coding apps: Scratch. Kodable, Daisy the Dinosaur, Tynker.
	Log in Username Password Log off Save Hardware Monitor Code Coding Algorithm Debugging Programme Mouse / trackpad Internet Technology Website Safe Choice Share Unplugged: An activity that doesn't use technology. Loop: To repeat an instruction / a series of instructions Event: Code that runs when something happens, such as a button being clicked. Execute: Run code on a computer precisely to make a programme. Object: An item on screen, such as an image, button or text Template Animation Type Enter/ return Caps Lock Backspace Cyber- bullying	Testing: Checking if a programme works how it should.	