Computing Medium Term Plans

Year 2

<u>E-safety to be discussed weekly when technology is used throughout the year</u>

Term	Units	Lesson Focus
Autumn 1	**E-safety**	To be able to explain why I need to keep my password and personal information private. To be able to describe the things that happen online that I must tell an adult about. To know why you should only go online for a short period of time. To discuss why we should be kind and safe online. To know that not everyone is who they say they are on the Internet.
Autumn 2	**Technology in our lives**	To be able to give three reasons as to why I use technology in the classroom. To know how technology is used at school and at home and why it is important. To understand that information online has been created by other people. To know five benefits of using technology including finding information, creating and communicating.

Spring 1	**Programming**	To give a set of instructions to my friend and physically follow their Instructions. Using commands such as forwards, backwards, move two steps to the right.
		To be able to tell the order things need to be done to reach a destination. (First you need to …)
		To be able to program a robot or software to do a particular task.
		To be able to look at a friend's program and tell you what will happen.
		I can use programming software to make objects move. (2Code.)
		I can debug and solve problems within programs and fix the mistakes to ensure they work.
Spring 2	**Handling Data**	To discuss ways in which I use technology to collect information, including a camera, iPad or sound recorder.
		To make and save a simple chart or graph using the data I collect.
		To discuss data and information in a graph or chart.
		To be able to investigate a question using technology effectively.
Summer 1	**Multimedia**	To be able to organise and present my ideas in different ways using technology. (Word and publisher.)

		To be able to use the keyboard on a device to add, delete and space text for others to read. To know and discuss an online tool which allows me to find out information. To know how to save and open a file.
Summer 2	**Revise and consolidate our learning regarding the five main computing areas.**	

Computing Assessment

Term – _____

Unit - _____

Name	Emerging	Developing	Exceeding

Computing Assessment

Term – _____

Unit - _____

Name	Emerging	Developing	Exceeding

Computing Assessment

Term – _____

Unit - _____

Name	Emerging	Developing	Exceeding

Computing Assessment

Term – _____

Unit - _____

Name	Emerging	Developing	Exceeding

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Term – _____

Unit - _____

Name	Emerging	Developing	Exceeding