

Autumn			
Lessons	Subject	Curriculum Statements	Learning Intentions
1	Computing: Effective Searching (Lesson 4.7) Online Safety	Online Safety <ul style="list-style-type: none"> - 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. - Understand computer networks, including the Internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration - Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content 	Effective Searching LI: to locate information on the search results page
2			LI: to use search effectively to find out information <i>LI: to assess whether an information source is true and reliable (set as homework or can use as extension)</i>
3			Online Safety LI: to review online safety rules
4			LI: to understand the advantages and disadvantages of altering an image digitally
5			LI: to learn about how to reference sources in their work by searching online

Spring			
Lessons	Subject	Curriculum Statements	Learning Intentions
1	Computing Spreadsheets	- Use technology purposefully to create, organise, store, manipulate and retrieve digital content	Spreadsheets LI: to create a formula in a spreadsheet
2			LI: to use the 'how many' tool to count
3			LI: to use a spreadsheet to work the area and perimeter and apply them to solve a real-life problem
4			LI: to create simple formulae that use different variables
5			LI: to use a spreadsheet to plan an event

<u>Summer</u>			
Lessons	Subject	Curriculum Statements	Learning Intentions
1	Computing Coding	Coding <ul style="list-style-type: none"> - Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts - Use sequence, selection, and repetition in programs; work with variables and various forms of input and output - Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs - Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information. 	Coding LI: to review coding vocabulary <i>(starter activity focusing on vocabulary)</i> LI: to design and write a program that simulates a physical system
2			Coding LI: to review the use of number variables in 2Code (starter activity) LI: to explore text variables
3			Coding LI: to create a playable, competitive game (1)
4			Coding LI: to create a playable, competitive game (2)
5			Coding LI: to create a program that informs others using the launch command