



		Year 5 1 lesson per fortnight		
	Wk	Topic	Learning Aims	Assessment
Autumn	1	Internet safety	<p>Be responsible, competent, confident and creative users of information and communication technology.</p> <p>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour and identify a range of ways to report concerns about content and contact.</p> <p>Follow the SMART rules and how to spot dangers they may face online. They will learn to be confident when using technology and where to go if ever they need help.</p> <p><i>Key vocabulary:</i> Password, network, documents, 'SMART', e-safety, internet, safe, meeting, accepting, reliable, tell, online.</p>	
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	14			End of unit E-safety Assessment/Quiz Learning Journal / Teacher assessment
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Spring	1	Searching and the internet & Skills Builder Publisher	<p>Ensure that pupils are responsible, competent, confident and creative users of information and communication technology.</p> <p>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.</p> <p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p> <p><i>Key vocabulary:</i> search, world wide web, rank, hits, word order, webpage, publisher, layout, text box, background, fact-file, advanced search, results, Google, browser, tab, window, layout, text, font, colour, image, video, animation.</p>	
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Summer	1	Scratch – Games Maker (Maze)	<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.</p> <p>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p> <p><i>Key vocabulary:</i> algorithm, sprite, backdrop, script, block, effect, variable.</p>	
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		Year 6 1 lesson per fortnight		
	Topic	Learning Aims	Assessment	
Autumn	Internet safety	<p>Be responsible, competent, confident and creative users of information and communication technology.</p> <p>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour and identify a range of ways to report concerns about content and contact.</p> <p>Be 'Share Aware' and explore issues around cyberbullying. Pupils will look into the dangers of social media and how to remain safe when using them (e.g. Privacy settings)</p> <p><i>Key vocabulary:</i> 'Share Aware', cyberbullying, social media, password, technology, photographs.</p>		
			End of unit E-safety Assessment/Quiz Learning Journal / Teacher assessment	
Spring	Skills Builder: Excel	<p>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.</p> <p><i>Key vocabulary:</i> spreadsheet, cell, row, column, formula/ formulas, calculate, format</p>		
			End of unit Assessment/Quiz Learning Journal / Teacher assessment	
Summer	Scratch – Animated scenes/ Kodu – Game developer	<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.</p> <p>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p> <p><i>Key vocabulary:</i> animate, animation, project, remix, repeat, iteration, debug, broadcast, receive, sequence, show, hide, visible, invisible, deconstruct, transition, audio, record, interactive, user.</p>		
			End of unit Assessment/Quiz Learning Journal / Teacher assessment	