

	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
Topic	E-Safety	The Waterpark Project	Spreadsheets	ICT & Enterprise Project	Python	Computer Science
Intent	To learn how to stay safe online.	Develop understanding of Microsoft Office and use of all programs within the suite.	Understand what a spreadsheet is. Know why a spreadsheet is used. Become familiar with basic spreadsheet skills. Apply basic spreadsheet formatting skills. Understand basic spreadsheet formulae. Understand spreadsheet functions. Test a hypothesis using a spreadsheet model	Be able to design a simple marketing and branding case and identify different aspects of marketing and branding for a business.  Be able to explain methods for creating and designing a range of materials to market a product or business.	Write, save and run a basic program in Script mode. Identify strings in python	Complete different tasks in the form of word searches, questions, quizzes and comprehension about the different computer components, hardware and software. Be able to explain different computing pioneers. Understand about different computer viruses.
Key Knowledge	Understand the risks and solutions for the different types of E-Safety topics, Cyber bullying, Predators, Mobile Phone use, Viruses,	Common Office documents in the working world, MS Office Skills, budgeting, Organising a trip	Formatting, formulas, when and where a spreadsheet can be used and why, creating a useful spreadsheet	Branding, marketing, promotion, presenting, product design	Understand how to use different Python code to build and run purposeful programs	Understand the different computer components, hardware and software. Be able to explain different computing pioneers. Understand about different computer viruses.
Key Skills	Publisher skills, inserting images, text, editing images, text,	Saving work, house style power point, MS Office skills, Excel, Word	Basic formatting on Excel, adding formulas to make calculations, using functions, creating charts	Creating and using Microsoft Office Suite to produce a product, logo and market it.	Using notebook and Python software, strings, variables, input, output, print, integers, floats, if and else	Use a given computer science book to complete tasks to expand knowledge.

	using templates, formatting a Publisher document, managing websites, editing text, adding links					
Key Vocabulary	<u>Word/Phrase</u> E-Safety Evaluate Formatting Cyber bullying  Predator Risks Phishing	PowerPoint Excel Word Publisher Audience Purpose Ribbon House Style	Excel Spreadsheet Cell Row Column Formula Functions Charts VLOOKUP Absolute Cell Reference If Statement	Hypothesis Marketing Presenting Branding Analysis Logo Advertose	Python Notebook Input Output Print String Variable Integer Float If/Else Debug	Hardware Software Games consoles Viruses Computing Pioneers Components
Key Reading	PowerPoints to read Cyberbullying Predators Mobile Phone Usage Viruses	The Waterpark Learning Journey				Use a given computer science book to read tasks to expand knowledge.
End Point	Explain the meaning of E-Safety Explain the purpose and audience of your leaflet Write about the risks and	Be competent in the use of all Microsoft Office Suite's programs to produce a set of professional documents in appropriate designs according to	To Format a basic spreadsheet. Navigate around a spreadsheet. Use basic formulae. Use functions, drag & fill, Apply absolute cell referencing.	Create and produce a range of materials to market a restaurant to new customers. <ul style="list-style-type: none"> <li>A mood board of ideas</li> <li>A design for a name and logo (You can decide</li> </ul>	run a simple Python program in Interactive mode using strings, integers, variables	Complete different tasks in the form of word searches, questions, quizzes and comprehension about the different computer components, hardware and software. Be able to

	<p>solutions of Cyber Bullying Write about the risks and solutions of Predators Identify the advantages and disadvantages of E-Safety Explain the impact that ICT has on Society Write about the risks and solutions of a mobile phone Identify the advantages and disadvantages of a mobile phone Explain the impact of using a mobile phone Explain the importance of consistency Write about the risks and solutions of spam Write about the risks and</p>	<p>their audience and purpose.</p>		<p>the name of your restaurant)</p> <ul style="list-style-type: none"> <li>• A poster to advertise the opening day</li> <li>• A sample menu</li> </ul>		<p>explain different computing pioneers. Understand about different computer viruses. Understand the different computer components, hardware and software. Be able to explain different computing pioneers. Understand about different computer viruses.</p>
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	solutions of viruses					
Form of Assessment	Online assessment during year 7 exam week	Online assessment during year 7 exam week	Online assessment during year 7 exam week	Online assessment during year 7 exam week	Online assessment during year 7 exam week and in class feedback and testing	In class feedback and testing
Enrichment Opportunities						
Leadership Opportunities						