

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	Welcome to Edward Peake Students are introduced to the school Google Drive and cover basic skills using Microsoft Word and power Point.	Scratch Using Scratch, pupils are challenged to create a single player game using a variety of algorithms	Who's the Mummy Linking in with our Egyptian topic, pupils create a newspaper front cover reporting the discovery of Tutankhamun	Party Planning Students are introduced to Excel and taught how to use a variety of formulas as they plan an imaginary gathering.	A guide to Edward Peake Using Google Docs, students create an interactive guide to Edward Peake for the new pupils joining us in September.	Sketch Up To finish the year pupils are introduced to computer-aided design and create a 3D house using Google Sketch Up.
Year 6	Sketch Up <i>(topic missed in Yr 5 due to lockdown)</i> Pupils are introduced to computer-aided design and create a 3D house using Google Sketch Up.	Scratch Pupils build on their skills from Year 5 as they create an interactive maze game.	Excel WW2 Linking to our WW2 topic, students research and create a database for a host of WW2 aircraft.	Babbage and Lovelace We look into the history of computing and create and interactive presentation about the work of Ava Lovelace and Charles Babbage.	Kodu Mars Rover Students are introduced to Kodu and briefly look at the impact of technology with regard to space travel.	HTML Students experiment with HTML as they look back on their e-safety knowledge at the end of their KS2 experience.

Year 7	HTML golden rules <i>(topic missed in Yr 6 due to lockdown)</i> Students experiment with HTML as they look back on their e-safety knowledge at the end of their KS2 experience.	Excel Superheroes Building on previous Excel knowledge, students look at a range of comic book superheroes before creating a database complete with filters, hyperlinks and images.	Sketch Up robots Based on the TV show Robot Wars, students design their own fearsome fighting robot.	Binary Ascii <i>(Brought forward as easy to access as home learning).</i> Students learn the basics of binary and Ascii code.	Kodu As we look at the history of gaming, students get the chance to design and create their own 3D computer game	HTML inside a computer What is hardware? What is the role of the CPU? All these questions are answered as we take a look into what makes computers work.
Year 8	Videos Students use Movie Maker to create a promotional video advertising London as a tourist destination.	Excel Students use their previous Excel knowledge to build an interactive spreadsheet.	Binary, Ascii Students learn the basics of binary and Ascii code.	London Sticking with our promotional theme, pupils create fact files and interactive quizzes based around London.	HTML Students use their HTML skills to create a mock webpage linking all our London work together	Recap To end the school year, Year 8s are recapping work from KS3 that was cut short by Covid 19 closures. Pupils will look at Kodu, Formatting documents and general e-safety.

	<p>E-safety is taught throughout the year through a variety of starter activities and assemblies, it is also discussed on the PSHCE curriculum.</p>
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	<p>Touch-typing is used as a regular starter activity across both key stages.</p>
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