EPCHS ICT & Computer Science Department: Year 9 Programme of Study

To deliver lessons that cover a variety of different topics that appeal to all pupil interests. The priority for KS3 is to keep pupils active, engaged, and to most importantly develop skills that will be built upon throughout their school career.

Year/Term	Unit of Work	Intent
Autumn	eSafety	To promote safe and positive use of digital technologies, including: • the Internet, • Social Media, • being aware of strangers online.
	Cybercrime	To look, in more detail, at the different crimes that can be committed when using the internet. Covering issues such as: • hacking, • logic bombs, • Trojan horse, • DDOS, • phishing, • malware, • viruses.
	Business/Adobe Fireworks	Within this unit of work, there is a focus on creating a plan for a new product; 'Toy of the Year'. Pupils will be encouraged to work in a group whereby they will discuss and allocate job roles appropriately and develop different assets using a professional and specific piece of software for images; Adobe Fireworks.
Spring	HTML/Websites	To learn and develop basic, as well as some of the more complex, code within HTML in order to create an original website. Pupils will use 'notepad' to write and develop programming code that can be exported as a .html file. This will show pupils, in real time, how an Internet website can be developed through the use of HTML code. Pupils will be expected to develop their understanding of HTML code and will broaden their vocabulary by learning specific tier 3 words.
	Networks and the Internet	To learn and develop knowledge of how local area networks and wide area networks are used. Gain an understanding of the hardware needed and the

		various topologies. Understand what happens to a file when it is sent over the internet, and the different protocols that govern this.
Summer	Microsoft Excel	To build upon basic Microsoft Excel knowledge from previous years. This unit of work allows for pupils to complete more complex formulae and utilise some of the more professional features within the Microsoft Excel software. Pupils will be encouraged to follow instructions to create new worksheets, develop them and ultimately turn data into information through the use of graphs and charts.
	Interactive PowerPoint Project	From using basics skills within Microsoft PowerPoint, this unit of work develops skills and knowledge of other features and functions within the software, such as: • adding hyperlinks, • creating a PowerPoint to meet a specific brief, • designing and utilising 'master slides'.