

EPCHS ICT & Computer Science Department: Year 8 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: <ul style="list-style-type: none"> • the Internet, • Social Media, • being aware of strangers online.
	Adobe Photoshop	To learn and develop basic skills when using the photo editing software; Adobe Photoshop. <p>Skills will include:</p> <ul style="list-style-type: none"> • magnetic lasso tool, • select tool, • blur tool, • clone stamp tool, • formatting a shape/object, • cut and paste, • editing text, • creating original images by putting more than one image on the same document.
Spring	An Introduction to Business	This unit of work will give the pupils an insight into how businesses work. <p>Pupils will be encouraged to create their own business idea and will learn how they would plan their business to make it successful.</p> <p>Different assets of a business will be considered throughout this unit of work, such as:</p> <ul style="list-style-type: none"> • promotion, • assets of a business, • target audience, • considerations when setting up a business, • tier 3 business specific vocabulary.
	Programming	To learn about and promote programming and coding. <p>To develop basic knowledge of:</p> <ul style="list-style-type: none"> • ciphers,

		<ul style="list-style-type: none"> • encryption, • networks, • LAN/WAN, • topologies, • the Internet, • packet switches.
Summer	Flash Animation	<p>To learn and develop skills in specific animation software; Adobe Flash.</p> <p>This unit of work is very interactive and will give pupils the opportunity to use specialised software that is often used by professionals to create animations. Pupils will learn the basic features of how to create animations and will be encouraged to add more complex features such as; motion tweens, shape tweens, and layers.</p>
	Website	<p>To learn and develop skills when using specific website design software; Serif WebPlus.</p> <p>This unit of work is very engaging and will allow for pupils to develop their own website using Serif WebPlus software. This software allows pupils to use features such as:</p> <ul style="list-style-type: none"> • videos, • images, • text, • social media platform links, • web banner animation (created in previous unit of work).