

COMPUTING STATEMENT OF AIMS

THE AIM OF THE KS3 CURRICULUM IS TO DEVELOP...

SUCCESSFUL LEARNERS

KS3 Computing equips pupils to use computational thinking and creativity to understand and change the way they think about the digital world today. Developing deeper knowledge of digital literacy, use of **information and communication technology** and **computer science** to effectively participate in, and be ready for, the workplace and able to participate effectively in the digital world.

CONFIDENT, INSPIRED INDIVIDUALS

KS3 Computing allows students to become responsible, competent, confident and creative users of **information and communication technology**. They will be given the opportunity to express their creativity by creating solutions with the tools they feel are most suitable for the task. **Computer science** encourages them to evaluate the effectiveness of their solutions in terms of goals and suitability, and reflect on the process they followed, including the software they used.

ASPIRING, RESPONSIBLE CITIZENS

KS3 Computing aims to assist students to become active participants in a digital world by becoming **digitally literate**, being able to use, express themselves and develop their ideas through, **information and communication technology**.

CURRICULUM MAP KS3

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Y7	<i>Impact of technology – Collaborating online respectfully</i>	<i>Using media: gaining support for a cause</i>	<i>Networks: from semaphores to the internet</i>	<i>Scratch</i>	<i>Scratch continued Modelling data: spreadsheets</i>	
ASSESSMENT	AP1 – Impact of Technology (IT)		AP2 – Mid Year Exam - Impact of Technology, Networks, Using media (Computer Science, Digital Literacy and IT)		AP3 – All topics (Computer Science, Digital Literacy and IT) End of Year Exam	
Y8	<i>Developing for the web</i>	<i>Vector graphics</i>	<i>Representations from clay to silicon</i>	<i>Introduction to Python programming</i>	<i>Python programming continued Computer Systems</i>	
ASSESSMENT	AP1 – Developing for the web(IT)		AP2 – Developing for the web, vector graphics, representations from clay to silicon(Computer Science & IT) Mid Year Exam		AP3 – All Topics (Computer Science, Digital Literacy, IT) End of Year Exam	
Y9	<i>Cybersecurity</i>	<i>Data Science</i>	<i>Media Animations</i>	<i>Python</i>	<i>Python continued Summer Project</i>	
ASSESSMENT	AP1 – Cybersecurity (Digital Literacy)		AP2 – Cybersecurity, Data science, Media Animation (Computer Science, Digital Literacy, IT) Mid Year Exam		AP3 – All Topics (Computer Science, Digital Literacy, IT) End of Year Exam	