



KEY STAGE 3 – YEAR 9 – COMPUTER SCIENCE

CURRICULUM MAP

Autumn Term		Spring Term		Summer Term	
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Themes	Key Themes	Key Themes	Key Themes	Key Themes	Key Themes
<p>Python Programming</p> <p><i>Manipulating strings and lists. Creating a programming project.</i></p>	<p>Data Science</p> <p><i>Using data to investigate problems and make real-world changes.</i></p>	<p>Representations: going audio-visual</p> <p><i>Representing images and sound using binary digits.</i></p>	<p>Cybersecurity</p> <p><i>Identifying how users and organisations can protect themselves from cyberattacks.</i></p>	<p>Physical computing</p> <p><i>Sensing and controlling with the micro:bit.</i></p>	<p>NEA Project</p> <p><i>Arithmetic quiz</i></p>
Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks
<p>Programming Task End of Unit Assessment</p>	<p>Data Science Task End of Unit Assessment</p>	<p>Audiovisua Task End of Unit Assessment</p>	<p>Cybersecurity Task End of Unit Assessment</p>	<p>Physical computing Task End of Unit Assessment</p>	<p>NEA Task</p>