

Year 11 Curriculum Intent Computer Science

Year 11 Term	Unit of work	Intent
Autumn	ISSUES AND IMPACTS	<p>UNIT 5 – ISSUES AND IMPACTS</p> <p>Students will continue to cover the content for paper 1. The fourth unit to be covered is UNIT 5 – ISSUES AND IMPACTS. This comprises:</p> <ul style="list-style-type: none"> Environmental issues Ethical and Legal issues Cybersecurity <p>Alongside this they will continue to practice their coding skills, in preparation for paper 2 – the online coding assessment</p>
	COMPUTATIONAL THINKING	<p>UNIT 1 – COMPUTATIONAL THINKING</p> <p>In this unit students will learn the theory behind the practical computing skills they have learned, in preparation for the final section of paper 1</p> <p>This unit comprises:</p> <ul style="list-style-type: none"> Decomposition and Abstraction Algorithms Truth Tables
Spring	PROBLEM-SOLVING WITH PROGRAMMING	<p>UNIT 6 – PROBLEM-SOLVING WITH PROGRAMMING</p> <p>This unit continues the theory which supports the programming assessment, and will consolidate and formalise the practical programming work the students have been undertaking. It comprises:</p> <ul style="list-style-type: none"> Developing code Constructs Data Types and Structures Inputs and Outputs Operators Subprograms
	REVISION	<p>Students will revise all content for the written paper and will prepare for the programming assessment using a range of practical problem-solving activities</p>
Summer	REVISION	<p>Students will revise all content for the written paper and will prepare for the programming assessment using a range of practical problem-solving activities</p>
Ongoing	INTERVENTION	<p>Students are encouraged to use F11 during break times to do extra revision and practice. This will be staffed by SPC</p>