

Subject	Computing			
Head of Department	Mr Blowman			
Teaching staff	Mrs Allard, Mrs Garside, Mrs Morgan and Mrs Gorry			
Department Vision	To equip students with all of the IT skills required to excel across all curricular areas. The ability to present information effectively using a range of IT skills and interpret data effectively are valuable tools every student needs to excel.			
How students can “ASPIRE to excellence” in this field	Students need to emerge themselves into technology, and experiment with the tools available to enhance knowledge and confidence with I.T. The most successful IT specialists are not afraid of trying new ways as technology is emerging every day.			
Rationale behind the curriculum chosen	The KS3 Computing course is designed to equip students with all of the tools required to excel cross-curricular. It also offers a sample of KS4 IT course that are offered, to better inform students on which path to choose.			
Possible Careers	IT consultant. Health IT specialist. Website developer, Graphic designer Software engineer, Data Analyst			
What topics are covered in KS3	<i>Year Group</i>	<i>Topics Covered</i>	<i>Dates of assessments</i>	<i>Link to Knowledge Organiser</i>
	Year 9	<p>The Year 9 curriculum is built around the basics for a successful start with the KS4 IT course that we offer.</p> <p>Students research into IT Jobs within local organisations so they understand the relevance of the content that is delivered.</p> <p>Students must manipulate a large amount of data that is presented to them in MS Excel. This is very similar to what a data analyst would be required to do, so that patterns and trends can be identified within the company and next steps can be formulated. This exercise also exists in the KS4 curriculum that we offer.</p>	w/c 3 rd February 2025	

		<p>Students will understand what Sketch-Up is used for and the main tools</p> <p>Understand impact of developments in Computing on individuals, society & environment</p> <p>Understand the purpose of Python and how to interpret it and produce your own.</p>		
Extracurricular opportunities offered (clubs, trips etc)	<p>Scratch projects that can be undertaken at home.</p> <p>Homework is set on edulink to encourage further development of IT knowledge.</p>			
Link to SOL/LTP (Once these are ratified, not needed for the 11th)				
Links to useful website of interest for your subject Area.	<p>https://www.educationquizzes.com/ks3/ict/</p> <p>https://www.bbc.co.uk/bitesize/subjects/z8mtsbk</p>			