



**ST. MATTHEW'S**  
ROMAN CATHOLIC HIGH SCHOOL  
Voluntary Academy

# KS4 Computing Curriculum Plan

Mr Russell

[d.russell@smrchs.com](mailto:d.russell@smrchs.com)

Year 10 Curriculum			GCSE Computer Science
Autumn Term	Spring Term	Summer Term	
<b>Autumn 1</b>	<b>Spring 1</b>	<b>Summer 1</b>	
Python Programming	Memory & Storage	Network Security	
<b>Autumn 2</b>	<b>Spring 2</b>	<b>Summer 2</b>	
System Architecture	Computer Networks	System Software	

Year 11 Curriculum			GCSE Computer Science
Autumn Term	Spring Term	Summer Term	
<b>Autumn 1</b>	<b>Spring 1</b>	<b>Summer 1</b>	
Ethical, Legal & Environmental Concerns	Representing Data	Revision P1 and P2 Content	
<b>Autumn 2</b>	<b>Spring 2</b>		
Algorithms	Computing Issues + System Security		

[Find out more about our Computer Science course](#)

Year 10 Curriculum		BTEC Tech Award Digital IT (2022)
Autumn Term	Spring Term	Summer Term
Autumn 1 and 2	Spring 1 and 2	Summer 1 and 2
<p><b>Component 1–User Interface Design</b>            How to project plan the design and development of a user interface            Explore user interfaces, discover how to develop and review them, and investigate how to use project planning techniques</p>	<p><b>Component 3 –Digital Working Practices</b>            Explore how organisations use digital systems and the wider implications associated with their use.            Explore how modern IT is evolving.            Understand what cyber security is and how to safeguard against it. Consider legal and ethical issues in data and information sharing.</p>	<p><b>Component 1–User Interface Design</b>            How to project plan the design and development of a user interface            Explore user interfaces, discover how to develop and review them, and investigate how to use project planning techniques</p>

Year 11 Curriculum		BTEC Tech Award Digital IT
Autumn Term	Spring Term	Summer Term
Autumn 1 and 2	Spring 1 and 2	Summer 1
<p><b>Component 2 -Presenting &amp; Interpreting Data</b>            Process and interpret data and draw conclusions (Spreadsheets/Databases)            Exploring how data impacts on individuals and organisations. Develop a dashboard using data manipulation tools. Draw conclusions and make recommendations on data intelligence.</p>	<p><b>Component 3 –Digital Working Practices</b>            Explore how organisations use digital systems and the wider implications associated with their use.            Explore how modern IT is evolving.            Understand what cyber security is and how to safeguard against it. Consider legal and ethical issues in data and information sharing.</p>	<p><b>Component 2 -Presenting &amp; Interpreting Data</b>            Process and interpret data and draw conclusions (Spreadsheets/Databases)            Exploring how data impacts on individuals and organisations. Develop a dashboard using data manipulation tools. Draw conclusions and make recommendations on data intelligence.</p>

[Find out more about our Year 10 Digital IT course](#)

[Find out more about our Year 11 Digital IT course](#)

<b>Year 10 Curriculum</b>		<b>BTEC Tech Award Creative Media Production (2022)</b>
<b>Autumn Term</b>	<b>Spring Term</b>	<b>Summer Term</b>
<b>Autumn 1 and 2</b>	<b>Spring 1 and 2</b>	<b>Summer 1 and 2</b>
Media Unit 1: Exploring Media Products	Media Unit 2: DVD Project	Media Unit 2: Video editing project

<b>Year 11 Curriculum</b>		<b>BTEC Tech Award Creative Media Production</b>
<b>Autumn Term</b>	<b>Spring Term</b>	<b>Summer Term</b>
<b>Autumn 1 and 2</b>	<b>Spring 1 and 2</b>	<b>Summer 1</b>
Media Unit 2: Website production	Media Unit 3: Externally assessed working to a given brief in chosen media software.	Media Unit 3: Externally assessed working to a given brief in chosen media software.

[Find out more about our Year 10 Media course](#)

[Find out more about our Year 11 Media course](#)