

## GCSE Computer Science – AQA

YEAR 10			YEAR 11		
Term	Topics		Term	Topics	
1	<ul style="list-style-type: none"> <li>• Introduction to the course</li> <li>• Systems architecture                             <ul style="list-style-type: none"> <li>○ 4 lessons</li> </ul> </li> <li>• Memory and storage                             <ul style="list-style-type: none"> <li>○ 4 lessons</li> </ul> </li> <li>• Computer networks, protocols and layers                             <ul style="list-style-type: none"> <li>○ 3 lessons</li> </ul> </li> </ul> <p>Plus 5 dedicated programming lessons</p>		1	<ul style="list-style-type: none"> <li>• Algorithms                             <ul style="list-style-type: none"> <li>○ 14 lessons</li> </ul> </li> </ul>	
2	<ul style="list-style-type: none"> <li>• Computer networks, protocols and layers                             <ul style="list-style-type: none"> <li>○ 3 lessons</li> </ul> </li> <li>• Cybersecurity                             <ul style="list-style-type: none"> <li>○ 7 lessons</li> </ul> </li> <li>• Hardware and software                             <ul style="list-style-type: none"> <li>○ 5 lessons</li> </ul> </li> </ul> <p>Plus 5 dedicated programming lessons</p>		2	<ul style="list-style-type: none"> <li>• Algorithms                             <ul style="list-style-type: none"> <li>○ 1 lesson</li> </ul> </li> <li>• Boolean logic                             <ul style="list-style-type: none"> <li>○ 3 lessons</li> </ul> </li> </ul> <p>Plus 5 paper 1 exam revision lessons</p>	
3	<ul style="list-style-type: none"> <li>• Ethical, legal and environmental impacts                             <ul style="list-style-type: none"> <li>○ 8 lessons</li> </ul> </li> </ul> <p>Plus 5 dedicated programming lessons</p>		3	<ul style="list-style-type: none"> <li>• Classification of programming languages                             <ul style="list-style-type: none"> <li>○ 3 lessons</li> </ul> </li> </ul> <p>Plus 7 paper 1 exam revision lessons</p>	
4	<ul style="list-style-type: none"> <li>• Data representation                             <ul style="list-style-type: none"> <li>○ 12 lessons</li> </ul> </li> </ul> <p>Plus 4 dedicated programming lessons</p>		4	<ul style="list-style-type: none"> <li>• Relational databases and SQL                             <ul style="list-style-type: none"> <li>○ 4 lessons</li> </ul> </li> </ul> <p>Plus 6 paper 1 exam revision lessons</p>	
5	<p>Basic programming concepts 4 lessons</p> <p>Advanced programming concepts 3 lessons</p> <p>Plus 5 dedicated programming lessons</p>		5	Revision	
6	<ul style="list-style-type: none"> <li>• Robust and secure programming                             <ul style="list-style-type: none"> <li>○ 4 lessons</li> </ul> </li> </ul> <p>Plus 9 text-based adventure game lessons</p>				

## iMedia - OCR

YEAR 10			YEAR 11		
Term	Topics		Term	Topics	
1	<ul style="list-style-type: none"> <li>• Introduction to the course</li> <li>• Media in the industry</li> <li>• Jobs in the media industry</li> </ul>		1	<ul style="list-style-type: none"> <li>• R098 practise project – visual imaging</li> </ul>	
2	<ul style="list-style-type: none"> <li>• Graphic design skills</li> <li>• Pre production                             <ul style="list-style-type: none"> <li>○ Mood boards</li> <li>○ Mind maps</li> <li>○ Visualisation Diagram</li> </ul> </li> </ul>		2	R098 coursework starts	
3	<ul style="list-style-type: none"> <li>• R094 practise project – graphic design</li> </ul>		3	<ul style="list-style-type: none"> <li>• R093 Media Sectors and products</li> <li>• How style and content are linked to products</li> <li>• Audience demographics and segmentation</li> <li>• Media codes to convey meaning</li> </ul>	
4	<ul style="list-style-type: none"> <li>• R094 coursework starts</li> </ul>		4	<ul style="list-style-type: none"> <li>• R093 Work planning</li> <li>• Documents to support generation of ideas</li> <li>• Distribution platforms</li> <li>• Properties and file formats</li> <li>• Sources of research</li> </ul>	
5	<ul style="list-style-type: none"> <li>• Fundamental of photography</li> <li>• Features of a camera</li> <li>• Rules of photography</li> <li>• Photography skills                             <ul style="list-style-type: none"> <li>○ Shot planning</li> <li>○ Portfolio design</li> </ul> </li> </ul>		5	Revision	
6	<ul style="list-style-type: none"> <li>• Fundamental of film and cinema</li> <li>• Storyboarding</li> <li>• Script writing</li> <li>• Editing</li> </ul>				