

# GCSE DIGITAL TECHNOLOGY (MULTIMEDIA)



Examination Board: CCEA

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## Overview

The course gives students a real, in-depth understanding of how both ICT and computer technology works. This course will give you an insight into what goes on 'behind the scenes', including some programming and mathematical concepts used, which many students find absorbing. The course provides excellent preparation for higher study and employment in the IT industry.

The course will develop critical thinking, analysis and problem-solving skills through the study of database development, network design and cyber security. The course offers students a fun and interesting way to develop these skills, by providing both theory and development skills being assessed through the course.

Unit	Content	Assessment
<b>1: Understanding Computer Science</b>	<p>In this unit, students explore a range of digital technologies available for data storage, manipulation, presentation and transfer. They also evaluate the importance of data security and data legislation.</p> <p>This external assessment will take the form of a paper-based examination.</p>	<p>External Written Paper</p> <p>1 Hour</p> <p>30% of Final Mark</p> <p>End of Year 11</p>
<b>2: Digital Authoring Concepts</b>	<p>In this unit, students gain an understanding of the concepts in the development of digital systems.</p> <ul style="list-style-type: none"><li>• Designing Solutions</li><li>• Digital Development considerations</li><li>• Multimedia Applications</li><li>• Multimedia Authoring</li><li>• Database Development</li><li>• Testing</li><li>• Evaluation</li></ul>	<p>External Written Paper</p> <p>1 Hour 30 Minutes</p> <p>40% of Final Mark</p> <p>End of Year 12</p>
<b>3: Digital Authoring Practice</b>	<p>In this unit, students design, develop and test digital multimedia systems</p> <ul style="list-style-type: none"><li>• Design of Solution</li><li>• Building a Solution</li><li>• Testing a Solution</li><li>• Evaluation of Solution</li></ul>	<p>Controlled Assessment Task – Changed Yearly</p> <p>30% of Final Mark</p> <p>End of Year 12</p>



Technical Manager, Information Technology Manager, Systems Development Manager, Computer Operator, Network Manager, User Support Manager, Technical Support Manager, Project Manager, Systems Analyst, Business Analyst, Help Desk Supervisor, Help Desk Operator, Information Technology Trainer, User Support Analyst, Technical Support Officer, Database Administrator, Network and Communications Analyst, Network and Communications Support Officer, Web Designer, Web Analyst, Graphic Designer, Software Engineer, Telecommunications Engineer, Sales Consultant, ICT Teacher/Lecturer, Systems Integrator, Network Administrator, Systems Operator