

Year 12 Business, IT and Computer Science Curriculum Outline

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Year 12 Business A Level	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	What is business? Marketing	What is business? Marketing	Managers, Leadership, Decision Making HR	Managers, Leadership, Decision Making HR	Operations Finance	Operations Finance
Year 12 Business AG	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Introduction to the principles and purposes of marketing that underpin the creation of a rationale for a marketing campaign Understand the importance of managing personal finance. Explore the personal finance sector.	Using information to develop the rationale for a marketing campaign. Understand the purpose of accounting. Select and evaluate different sources of business finance.	Planning and developing a marketing campaign. Break-even and cash flow forecasts	Introduction to the principles and purposes of marketing that underpin the creation of a rationale for a marketing campaign Using information to develop the rationale for a marketing campaign. Planning and developing a marketing campaign.	Introduction to the principles and purposes of marketing that underpin the creation of a rationale for a marketing campaign Using information to develop the rationale for a marketing campaign. Planning and developing a marketing campaign. Understand the importance of	Introduction to the principles and purposes of marketing that underpin the creation of a rationale for a marketing campaign Using information to develop the rationale for a marketing campaign. Planning and developing a marketing campaign.

				Complete statements of comprehensive income and financial position and evaluate a business's performance.	managing personal finance. Explore the personal finance sector. Understand the purpose of accounting. Select and evaluate different sources of business finance. Complete statements of comprehensive income and financial position and evaluate a business's performance.	
Year 12 Computer Science	Autumn 1 Computational thinking and extending programming techniques. Structure and function of the processor	Autumn 2 Data types and data structures. Computational methods and Breakdown of algorithms.	Spring 1 Computing legislation, the moral and ethical issues within the industry. Networks and web technologies including languages and SEO.	Spring 2 Methods of application generation. Systems Software. Databases – including normalisation, referential integrity and SQL	Summer 1 Types of programming languages, complexity of algorithms. Object oriented programming techniques Exam Technique	Summer 2 Compression, encryption and hashing. Boolean algebra
Year 12 IT	Autumn 1 The concepts and implications of the use of, and relationships among, the devices that form IT systems.	Autumn 2 The implications for individuals and organisations of using online IT systems.	Spring 1 The uses, issues and implications of IT systems and their impact on individuals and organisations.	Spring 2 The concepts, impacts and implications of issues resulting from the use of IT systems.	Summer 1 The concepts and implications of the use of, and relationships among, the devices that form IT systems.	Summer 2 Explore the impact of social media on the ways in which businesses promote their products and services

	<p>The concepts, process and implications of transferring data within and between IT systems.</p> <p>The purpose and structure of relational database management systems.</p> <p>Standard methods and techniques to design relational database solutions</p>	<p>The issues and implications of storing and transmitting information in digital form.</p> <p>Standard methods and techniques to design relational database solutions</p>	<p>Creating a relation database structure.</p>	<p>Evaluating a database development project</p>	<p>The concepts, process and implications of transferring data within and between IT systems.</p> <p>The implications for individuals and organisations of using online IT systems.</p> <p>The issues and implications of storing and transmitting information in digital form.</p> <p>The uses, issues and implications of IT systems and their impact on individuals and organisations.</p> <p>The concepts, impacts and implications of issues resulting from the use of IT systems.</p> <p>The purpose and structure of relational database management systems.</p> <p>Standard methods and techniques to</p>	<p>Investigate data modelling and how it can be used in the decision-making process</p>
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					design relational database solutions Creating a relation database structure. Evaluating a database development project	
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