<table>
<tr><td>Study Skills
Course Milestones for Students</td></tr>
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Please fill in sheets outlining what subjects/topics activities should be covered/completed by when.
This will inform students on what they need to focus on throughout their study skills period.

Course Title: COMPUTING SCIENCE	Level: HIGHER

Month	Work to be covered/Topics/Activities/Assignments
June/July	<u>SOFTWARE DESIGN AND DEVELOPMENT UNIT</u> • Low-level operations and computer architecture • Hardware Requirements • Software Requirements • Technical Implementation: Storage
August	• Networking/Connectivity • Security Risks • Security Precautions
September	• End of Unit written Assessment (Department Assessment) • Revision of programming and key constructs. • Languages and Environments • Design notations • Development Methodologies • Testing (Both Units) • Computational Constructs – Theory and Practical/Implementation – 'Higher Programming in Visual Basic' workbook.
October	• Computational Constructs – Theory and Practical/Implementation – 'Higher Programming in Visual Basic' workbook.
November	• Computational Constructs – Theory and Practical/Implementation – 'Higher Programming in Visual Basic' workbook. • Data Types and Structures - Theory and Practical/Implementation • Algorithm Specification - Theory and

	Practical/Implementation
December	• Testing and Documenting Solutions • SQA Assessment Higher Computing Science Assessment Materials.

January	INFORMATION SYSTEM DESIGN AND DEVELOPMENT UNIT • Structures and Links (Databases) • Structures and Links (Databases) • Structures and Links (web-based) SQA Assessment Higher Computing Science Assessment Materials. **PRELIM PREPARATION**
February	**PRELIM EXAMS** • Legal implications: • Environmental implications: • Topic: Economic and Social Impact • Project/ Coursework Assignment
March	 • Project/ Coursework Assignment. REVISION CHECKLIST FOR WHOLE COURSE ISSUED FOR STUDY OVER HOLIDAYS.

April	**Revision**
Study Skills Course Directory of Support Resources	

Please fill in details below outlining what support is available for students completing this course. Please include on-line resources, books and details of revision sessions. If appropriate match the resource to the topics in the milestone calendar.

Resources	Topic/Activity/Assignment
TEXTBOOKS How to Pass Higher Computing Science for CfE By Greg Reid published by Hodder Education Higher Computing Science by Alan Williams published by Bright Red Scholar **LUNCHTIME REVISION SESSIONS:** These will be available prior to and after the Prelim during one lunchtime agreed with the majority of pupils in the class.	*Whole course theory* *Whole course theory* *Interactive online materials* *Mainly concentrating on how to answer exam style questions in Higher Business Management.*