Name of Subject: Information Technology

Stage: 2

General information: Students investigate existing information technology systems to discover their nature and components. They develop a range of information technology skills and techniques while creating their own systems that can be tested and evaluated. They develop and apply specialised skills and techniques in the use of software in a number of information technology areas.
It is a subject that studies Information Technology to a deeper, more complex level than simply making things. Students study how systems, networks and computers actually work and the software behind it.

Content: Stage 2 Information Technology consists of two core topics and five option topics, from which two are chosen for study:
Core Topics
Topic 1: Information Systems
Topic 2: Computer Systems.

Option Topics
Topic 1: Relational Databases
Topic 2: Application Programming
Topic 3: Multimedia Programming
Topic 4: Website Programming
Topic 5: Dynamic Websites.

Assessments:

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<th>School-based Assessment</th>
<th>Weighting</th>
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<td>Folio</td>
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<tr>
<td>Skills and Applications Tasks</td>
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<td>Project</td>
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<td>Examination</td>
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Special Information: Students should have access to a computer at home that has the Microsoft Office suite of programs

Prerequisites: Nil

Preferred prerequisites: Stage 1 Information Technology is preferred but not essential. Students with an interest and background in how computers work and an interest in programming or designing websites normally do better at this course.