Computing Science Department

St John's RC High School

About HIGHER COMPUTING SCIENCE

The Higher Computing Science Course introduces learners to an advanced range of computational processes and thinking, and develops a rigorous approach to the design and development process across a variety of contemporary contexts. Learners gain an awareness of the importance that computing professionals play in meeting the needs of society today and for the future, in fields which include science, education, business and industry.

The course consists of 3 units:

- Software Design and Development
- Information Systems Design and Development
- Course Assignment and Final Examination

Candidates must pass all three units to achieve a course award.

The course assignment is worth 60 marks and the examination 90 marks upon which the combined results yield the course award.

PROGRESSION

Completion of this award will allow the candidate, in conjunction with other Higher passes, to progress to a University Degree course in a variety of subjects including Computing, Science and Engineering or a whole range of college based courses.

About NATIONAL 5 COMPUTING SCIENCE

The National 5 Computing Science Course develops knowledge and understanding of key concepts and processes in computing science, enabling learners to apply skills and knowledge in analysis, design, implementation and evaluation to a range of digital solutions. Learners communicate computing concepts and explain computational behaviour clearly and concisely using appropriate terminology, and develop an understanding of the role and impact of computing science in changing and influencing our environment and society

The course consists of 3 units:

- Software Design and Development
- Information Systems Design and Development
- Course Assignment and Final Examination

Candidates must pass all three units to achieve a course award.

The course assignment is worth 60 marks and the examination 90 marks upon which the combined results yield the course award.

PROGRESSION

Completion of this award will allow candidate to progress to Higher Computing Science or a whole range of college based courses.