



COMPUTING SCIENCE




The Computing Science department offers Computing Science at all levels from National 4 through to Advanced Higher, as well as NPAs in Computer Games Development and Cybersecurity.

COMPUTING SCIENCE

Computing Science provides students with practical skills, knowledge and understanding in the following areas:

- Programming
- Web design
- Databases
- Computer systems



COMPUTER GAMES DEVELOPMENT



The Computer Games Development course offers an introduction to the design and development of computer games. Students will be able to design their own computer games and levels, edit graphics and sound, and then produce and market a final version of their game for others to play.

CYBER SECURITY

We spend much of our lives online. The internet brings many benefits to society and businesses, but it has a darker side as a refuge, resource and recruitment tool for terrorists, hackers and other criminals.

The NPA Cyber Security course teaches you how we can protect networks, devices and programs from any type of cyberattack.



POSSIBLE CAREER PATHWAYS



- Software engineering
- Systems analysis
- Web development
- IT consultant
- Software programming
- Computer games programming
- Hardware engineering
- Database administrator
- Software or games testing
- IT support
- Network management
- Graphic artist

[More information is available here within our Senior School Course Choice Booklet](#)

[My World of Work](#)

[Find out about Computing Science from the SQA](#)

[The Computing department online \(login required\)](#)

