**CYBER SECURITY - SCQF LEVELS 5 AND 6**

 **Thinking of a career in Cyber Security?**

The Cyber Security course provides foundation knowledge and skills in data security, digital forensics and ethical hacking — and provide a skills pipeline into the cyber security industry.

These awards are designed to raise awareness of cyber security and **fill the current skills gap in this field**. They will encourage learners to improve their cyber hygiene and enable them to identify security weakness safely, legally and ethically. They will also help learners to contribute more safely to virtual communities.

They are the first school-based national qualifications in cyber security to be developed and will prepare learners for further studies and future employment in this area.

Ethics and the law are fundamental aspects of these awards. Ethical considerations are included in every component Unit, and legislative considerations are included in all appropriate Units. The aim of the awards is to produce knowledgeable and skilled individuals who are aware of the potential misuses of, and unauthorised access to, computer systems but who use these competences for legal and ethical purposes.

**Entry Qualifications**

**S5 pupils:** Only those S5 pupils who have achieved a **National 5 Pass** in Computing Science.

**S6 pupils:** Only those S6 pupils who have achieved a **National 5/Higher** **Pass** in Computing Science

 **Course Description**

The National Units within the award are designed to incorporate the three main areas of cyber security. These are:

* Data Security
* Digital Forensics
* Ethical Hacking

**Assessment**

Assessment of this award will be a combination of practical and knowledge assessments.