



Key Stage 4 Core Curriculum and Option Subjects

Information Technology

Students will follow OCR Level 2 Cambridge National Certificate in ICT or Edexcel GCSE ICT.

Students will begin the course in Year 9 and will complete it over a three year period. The examination element of the course will be completed in Year 10.

ICT is an essential part of Academy life and is an essential skill when entering higher education or employment. The course allows students to develop transferable skills which will be of great benefit to their future.

OCR Level 2 Cambridge Nationals

The course is equivalent to 1 GCSE qualification where students will develop their skills to produce solutions for given problems. Students will also develop their understanding of ICT within the business world, health and safety, and legal and ethical issues surrounding the use of ICT.

Students will complete 2 compulsory units and 2 optional units during the three years of study.

Progression

The course offers direct progression to the Level 3 OCR Cambridge Technical qualification which is respected by universities and employers, therefore providing students successful progression.

Course Content

Unit 1 – Understanding Computer Systems

Unit 2 – Using ICT to Create Business Solutions

The further 2 units will be chosen based upon students' interests and skills in the subject



Assessment

The course is comprised of one examination unit which is externally assessed and 3 coursework units. The coursework units will be completed and assessed throughout the 3 year study period.



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Information Technology

Students with a more academic understanding of ICT will follow the Edexcel GCSE qualification.

The course will be completed over a three year period with students sitting the examination element during Year 10.

ICT is an essential part of Academy life and is an essential skill when entering higher education or employment. The course allows students to develop transferable skills which will be of great benefit to their future.

Edexcel GCSE ICT

The course provides 1 GCSE qualification where students will develop their skills in ICT and use these in problem solving scenarios.

UNIT 1: Students explore how digital technology impacts on the lives of individuals, organisations and society. Students will study current and emerging digital technologies, alongside issues raised by their use in a range of contexts. They develop awareness of the risks that are inherent in using ICT and the features of safe, secure and responsible practice.

UNIT 2: Students broaden and enhance their ICT skills and capability. They work with a range of digital tools and techniques to produce effective ICT solutions in a range of contexts. Students learn to reflect critically on their own and others' use of ICT and to adopt safe, secure and responsible practice. During this unit students will put into practice knowledge they gained about digital technology in Unit 1.

Course Content

Unit 1 –Living in a Digital World

Unit 2 – Using Digital Tools

Assessment

The course is comprised of one examination unit, which is externally assessed and one coursework unit, which is internally marked and externally moderated.

Progression

The course offers progression routes through OCR A-Level information technology or Level 3 OCR Cambridge Technical qualifications. Both of these qualification routes are respected by universities and employers alike.

