Basic Information

Course Leader

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Exam Board

OCR

What type of qualification is it?

GCSE (cannot be taken in conjunction with Creative iMedia)

What will I study?

• A range of programming techniques to solve programming challenges

• How to plan and design programs

• The components of a computer system

• The difference between memory and storage

• Different types of networks and how data moves around local and wide area networks

such as the internet

• Ethical, cultural, environmental and legal issues in Computer use

• How data is represented in a computer system

• The need for secure systems.

To do well you need to:

• A high level of determination to solve programming challenges

• Enjoy learning and trying new techniques to solve problems in different ways

• A willingness to listen and to contribute positively in lessons

• Already have a good level of mathematical ability.

Progression Pathways

You could go on to study BTEC Computer Science at our sixth form as part of the IB Careers

programme. You can also continue to study the subject at University.

Careers

Computing is a necessary part of working life and most jobs will require some use of computers and

understanding of how to use programmes. A Computer Science qualification could lead to a job as a

software developer, website creator, programmer, games designer or in technical support

How will I be assessed?

Module/Paper Content Assessment Date %

Programming

Project

Programming techniques, analysis,

design, developments, testing,

evaluation and conclusions.

20 Hour Controlled

Assessment

Not

externally

assessed

20

Computer

Systems

Systems architecture, memory,

storage, networks, protocols and

security.

Exam: 1hr 30min June 2023 40

Computational

thinking

Algorithms, programming

techniques, robust programs, logic

and data representation.

Exam: 1hr 30min June 2023 40