Why study GCSE Computer Science?

GCSE Computer Science qualifications develop your abilities in applying the fundamental

principles and concepts of computer science such as abstraction, algorithms and data

representation. You will also develop your skills in thinking creatively, innovatively,

analytically, logically and critically.

What will I study?

The course is split into two components. You will explore the components that make up

digital systems and how they communicate with one another and with other systems. You

will also apply mathematical and logic skills relevant to computer science.

How will I be assessed?

Exam Board Pearson

Component 1 Computer Systems (written examinations) 50%

Component 2 Computational thinking, algorithms and programming (written

examinations)

Programming Project (Practical tasks) 50%

How will this course help me after my GCSEs?

This course will be the best preparation for learners who want to go on to study Computer

Science at AS or A Level, Level 3 Vocational courses and beyond. Careers range from games

developer to a manager of IT and communications services and a wide range of professions

that require competent computer programming skills. Computer Science is recognised by the

Government as a critical future employability skill as it is a rapidly developing industry.