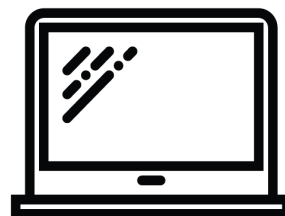
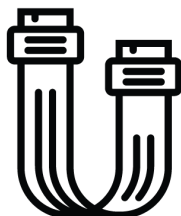
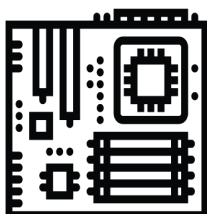


# GCSE Computer Science (9-1)

Computer Science is only available to students following the EBacc pathway with the required level of academic achievement in Mathematics.



## Examination Information

Exams from May 2020

### Assessment

Computer Systems: 50%  
External

Computational thinking,  
Algorithms and  
Programming: 50%  
External

Programming Project  
NEA

## Course Description

Computer Science is engaging and practical, encouraging creativity and problem solving.

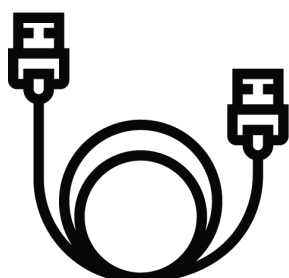
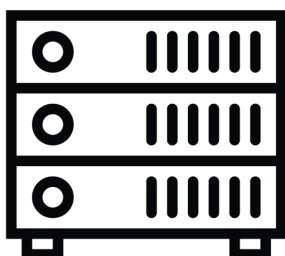
It encourages learners to develop their understanding and application of the core concepts in computer science. Learners also analyse problems in computational terms and devise creative solutions by designing, writing, testing and evaluating programs.

## Knowledge

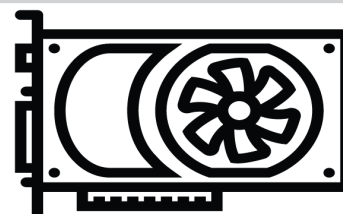
Computer Hardware, the CPU, Memory, Networks, System Security and Cyber-Security. Algorithms, Programming, and Software Development.

## Skills

Thinking creatively, logically and critically.  
Develops Computational thinking.



This course leads to a  
GCSE in Computer Science



# Why Computer Science?

Employment in the Computing industry is forecast to grow 5 times faster than the UK average with over half a million new Computing professionals needed over the next 5 years.

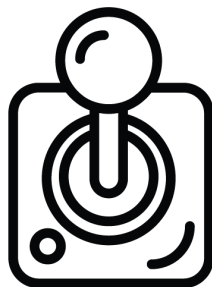
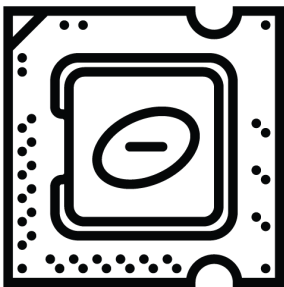
Over half a million new Computer Science professionals are needed in the next five years.

Use the latest hardware and software to explore Computer Science in a practical and exciting way.

## Where is Computer Science Used?

Employers in other industries rely on learners with Computer Science qualifications, including:

Aeronautical Engineering, Biochemistry, Biology, Chemical Engineering, Chemistry, Civil Engineering, Economics, Electrical/Electronic Engineering, Engineering, Geology/Earth Sciences, Materials Science, Mathematics, Mechanical Engineering, Medicine, Optometry, Physics, Psychology, and Sociology to name a few!



### Where Can Computer Science Take me?

Excellent progression into our A Level Computer Science Course. Higher Education or employment, with links to local universities and businesses.

### Interested?

For more information contact:

Mr Williams,  
Head of Computing  
and ICT.



@StRobertsICT