



# MARICOURT SIXTH FORM CENTRE

# COMPUTER SCIENCE

## WHAT IS IT?

Students acquire knowledge and understanding of the components, functions and application of information systems and programming concepts. They also develop an understanding of the main principles of solving problems using computational thinking methods and develop the skills necessary to apply this understanding to real life scenarios.



## REQUIREMENTS

GCSE Computer Science  
—Grade 5  
Average points—4

## ASSESSMENT

Comp 01: Computer Systems (Written Exam 40%)  
  
Comp 02: Algorithms and programming (Written Exam 40%)  
  
Component 03: Programming Project (Internally assessed 20%)

## CONTENT

·Fundamental principles and concepts of computer science  
The capacity for thinking creatively, innovatively, analytically, logically and critically  
The ability to articulate the individual (moral), social (ethical), legal and cultural opportunities and risks of digital technology.