

Welcome to Computer Science A-Level

The purpose of this document is to give a brief overview of the subject and the way it is assessed.

2a. Overview of A Level in Computer Science (H446)

Learners must take three components (01, 02 and 03 or 01, 02 and 04) to be awarded the OCR A Level in Computer Science.

Content Overview	Assessment Overview	
<ul style="list-style-type: none"> • The characteristics of contemporary processors, input, output and storage devices • Software and software development • Exchanging data • Data types, data structures and algorithms • Legal, moral, cultural and ethical issues • Elements of computational thinking • Problem solving and programming • Algorithms to solve problems and standard algorithms <p><i>The learner will choose a computing problem to work through according to the guidance in the specification.</i></p> <ul style="list-style-type: none"> • Analysis of the problem • Design of the solution • Developing the solution • Evaluation 	Computer systems (01) 140 marks 2 hours and 30 minutes written paper (no calculators allowed)	40% of total A level
	Algorithms and programming (02*) 140 marks 2 hours and 30 minutes written paper (no calculators allowed)	40% of total A level
	Programming project 03* – Repository or 04* – Postal or 80 – Carry forward (2018 onwards)* 70 marks Non-exam assessment	20% of total A level

As you can see the subject is split between 3 Assessment points. In this case Paper 1 is more theory heavy than Paper 2 which has a very practical component. The content is

spread evenly among the two papers.

The third component is your coursework which is developed across the 2 years.

Lessons:

Lessons normally will take place in rooms 11 (Mr Sandman), 13 (Mr Loizou) and 16(Mr Correia) although we often have use of Room 15 for pure theory lessons.

The idea of the work that you will be issued with is to give you a taster of what Computer Science is and how it works between a Theory and a more Practical approach!

Please always submit your work either using an attachment or an image of the work. When submitting images please make sure these are clear!

Thank you very much.

Any issues please email

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