

**Subject: GCSE Computer Science**

**Exam Board: OCR**

**Paper Information:** Two papers both 1 hour long split into two sections. All aspects of the content will be assessed on both papers.

**Paper Marks:** There will be a maximum of 50 marks available.

**Section A**

**Content:**

Architecture of the CPU  
Storage capacity  
CPU Performance  
Types of Networks  
Wired and Wireless Networks  
Protocols and Layers  
System Software  
System Security  
Ethical, Legal and Cultural

**Section B**

**Content:**

Computational Thinking  
Reading, Writing and interpreting algorithms  
Programming Constructs  
Arithmetic operators  
Data types  
String manipulation  
Searching and sorting algorithms  
Logic and Languages  
Data representation

**Useful revision resources:**

- Craig and Dave YouTube Channel <https://www.youtube.com/channel/>
- Teach ICT J276  
[http://www.teachict.com/2016/GCSE\\_Computing/OCR\\_J276/OCR\\_J276\\_home.html](http://www.teachict.com/2016/GCSE_Computing/OCR_J276/OCR_J276_home.html)
- GCSE Computer Science Complete Revision & Practice
- GCSE Pod
- Google Classroom Revision Zone section
- Knowledge Organiser Sheets
- Key terminology document

**Revision Tips**

- Pseudo code has no syntax
- You need to include a comment on your algorithm questions (1 easy mark)
- A large amount of the paper is made up of definition, advantages and disadvantages. **Knowledge based questions** (1 -3 Mark questions)
- Revise the binary, denary and Hex table – multiplying by 16 (**you are not allowed a calculator**)
- Complete past paper questions – see classwork folder