

# Computer Science Mock Revision

**Exam Board:** OCR

## Guide to Mock Exam Papers:

Unit 1 – Computer Systems	Unit 2 – Algorithms and problem solving
The CPU Functions and characteristics of the CPU Memory Storage The internet Local area networks Wireless networking Client server and peer to peer network Protocols and layer	Computational Thinking Searching algorithms Sorting algorithms Developing Algorithms using flow charts Developing Algorithms using pseudocode Interpret, correct or complete algorithms Programming concepts Sequence and selection Iteration Arrays Logic gates Truth tables Error testing Facilities of an IDE Storing units Binary arithmetic and hexadecimal

## Revision top 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

## Useful revision websites/resources:

- Craig and Dave YouTube Channel  
<https://www.youtube.com/channel/>
- Teach ICT J276  
[http://www.teach-ict.com/2016/GCSE\\_Computing/OCR\\_J276/OCR\\_J276\\_home.html](http://www.teach-ict.com/2016/GCSE_Computing/OCR_J276/OCR_J276_home.html)
- GCSE Computer Science Complete Revision & Practice
- GCSE Pod

## Useful resources

A3 Revision sheets made throughout year 10 and 11  
Key terms from each section  
Model answers from your topic tests  
Use your teachers knowledge – talk to us!