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| **Subject: GCSE Computer Science** |
| **Exam Board: OCR** |
| **Section A – Computer Systems** | **Section B – Computational thinking, algorithms and programming** |
| **Component 1 Content:**Computer Systems1.1 Systems architecture 1.2 Memory and storage 1.3 Computer networks, connections and protocols1.4 Network security | **Component 2 Content:**Computational thinking, algorithms and programming2.1 Algorithms2.2 Programming fundamentals2.3 Producing robust programs2.4 Boolean logic2.5 Programming languages and IntegratedDevelopment Environments |
| **Useful revision resources:*** [Craig and Dave YouTube Channel](https://www.youtube.com/c/craigndave/playlists?view=50&sort=dd&shelf_id=2)
* [Teach ICT J277](https://teach-ict.com/2016/GCSE_Computing/OCR_J277/OCR_J277_home.html)
* GCSE Computer Science Complete Revision & Practice
* Microsoft Teams / OneNote classbook
* [Knowledge Organisers for all GCSE topics](https://omegamat-my.sharepoint.com/%3Af%3A/g/personal/d_kerr_gshs_omegamat_co_uk/ElMzquEKtIpPn8hC4cp5f1sBgi1jVccpxdOJivRykr_eOg?e=uUaMuI)
* [Practice Papers](https://omegamat-my.sharepoint.com/%3Af%3A/g/personal/d_kerr_gshs_omegamat_co_uk/EsfCKxSwWftJr2Luccd0vMYBRWGFWgd_Yy8V5aWpeTQciQ?e=Ofnfwy)
* [GCSE Exam Revision folder on SharePoint](https://omegamat-my.sharepoint.com/%3Af%3A/g/personal/d_kerr_gshs_omegamat_co_uk/EqcVdP05mS9Mrr9zkvi_GdoBJnZNVW7OBdBjpzCScx37iQ?e=vaNfi0)
* Seneca Learning
* Educake
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| **Revision Tips*** You should aim to write algorithm/pseudocode/exam reference language questions in a Python format as this is the programming language you have used at GCSE
* You need to include a comment on your algorithm questions (1 easy mark)
* A large amount of the paper is made up of definitions of key terms, 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 via SharePoint
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