|  |  |
| --- | --- |
| **Subject: GCSE Computer Science** | |
| **Exam Board: OCR** | |
| **Section A – Computer Systems** | **Section B – Computational thinking, algorithms and programming** |
| **Component 1 Content:**  Computer Systems  1.1 Systems architecture  1.2 Memory and storage  1.3 Computer networks, connections and protocols  1.4 Network security | **Component 2 Content:**  Computational thinking, algorithms and programming  2.1 Algorithms  2.2 Programming fundamentals  2.3 Producing robust programs  2.4 Boolean logic  2.5 Programming languages and Integrated  Development 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/:f:/g/personal/d_kerr_gshs_omegamat_co_uk/ElMzquEKtIpPn8hC4cp5f1sBgi1jVccpxdOJivRykr_eOg?e=uUaMuI) * [Practice Papers](https://omegamat-my.sharepoint.com/:f:/g/personal/d_kerr_gshs_omegamat_co_uk/EsfCKxSwWftJr2Luccd0vMYBRWGFWgd_Yy8V5aWpeTQciQ?e=Ofnfwy) * [GCSE Exam Revision folder on SharePoint](https://omegamat-my.sharepoint.com/:f:/g/personal/d_kerr_gshs_omegamat_co_uk/EqcVdP05mS9Mrr9zkvi_GdoBJnZNVW7OBdBjpzCScx37iQ?e=vaNfi0) * Seneca Learning * Educake | |
| **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 | |