**SUBJECT:** GCSE COMPUTER SCIENCE   **EXAMINATION BOARD:** OCR

| AUTUMN TERM - YEAR 10 | SPRING TERM - YEAR 10 | SUMMER TERM - YEAR 10 |
|---|---|---|
| **01: Computer Systems**<br>• 1.1 Systems architecture<br>• 1.2 Memory and storage<br><br>**02: Computational thinking, algorithms and programming**<br>• 2.2 Programming techniques | **01: Computer Systems**<br>• 1.3 Computer networks, connections and protocols<br>• 1.4 Network security<br><br>**02: Computational thinking, algorithms and programming**<br>• 2.2 Programming techniques | **01: Computer Systems**<br>• 1.5 Systems software<br>• 1.6 Ethical, legal, cultural and environmental impacts of digital technology<br><br>**02: Computational thinking, algorithms and programming**<br>• 2.2 Programming techniques |
| **ASSESSMENT**<br>**Standard Assessment**<br>Exam populated with past exam questions relevant to topic.<br><br>**Computer systems (01)**<br>1 hour and 30 minutes written paper.<br>(No calculators allowed). | **ASSESSMENT**<br>**Standard Assessment**<br>Exam populated with past exam questions relevant to topic.<br><br>**Computer systems (01)**<br>1 hour and 30 minutes written paper.<br>(No calculators allowed). | **ASSESSMENT**<br>**Standard Assessment**<br>Exam populated with past exam questions relevant to topic.<br><br>Mock Exam for Component 1.<br><br>**Computer systems (01)**<br>1 hour and 30 minutes written paper.<br>(No calculators allowed). |

**SUBJECT:** GCSE COMPUTER SCIENCE          **EXAMINATION BOARD:** OCR

| AUTUMN TERM - YEAR 11 | SPRING TERM - YEAR 11 | SUMMER TERM - YEAR 11 |
|---|---|---|
| **01: Computer systems**<br>• Revisit 1.1 Content<br><br>**02: Computational thinking, algorithms and programming**<br>• 2.3 Producing robust programs<br>• 2.4 Boolean logic | **02: Computational thinking, algorithms and programming**<br>• 2.1 Algorithms<br>• 2.2 Programming fundamentals<br>• 2.5 Programming languages and Integrated Development Environments | **Revisit, Rehearse and Reduce units to support retrieval for formal GCSEs.** |
| **ASSESSMENT**<br>**Standard Assessment**<br>Exam populated with past exam questions relevant to topic.<br>Mock exam to rehearse Component 1.<br><br>**Computational thinking, algorithms and programming (02)**<br>80 marks.<br>1 hour and 30 minutes.<br><br>**Computer systems (01)**<br>80 marks.<br>1 hour and 30 minutes written paper.<br>(No calculators allowed). | **ASSESSMENT**<br>**Standard Assessment**<br>Exam populated with past exam questions relevant to topic.<br><br>**Computational thinking, algorithms and programming (02)**<br>80 marks.<br>1 hour and 30 minutes. | **ASSESSMENT**<br>**Computational thinking, algorithms and programming (02)**<br>80 marks.<br>1 hour and 30 minutes.<br><br>**Computer systems (01)**<br>80 marks.<br>1 hour and 30 minutes written paper.<br>(No calculators allowed). |