

# Computer Science

We follow the OCR Computer Science (H466) specification. The course is assessed via two exams in the summer window commonly known as paper 1 and paper 2; both papers are worth 140 marks and, in each instance, the standard time given is 2 hours and 30 minutes. **These mock papers will be 1 hour 30 in length.**

SUMMARY OF MOCK EXAM
<b>Paper 1 – Computer Systems</b>
<ul style="list-style-type: none"><li>• Networks – Client Server vs P2P</li><li>• Databases</li><li>• Object Orientated Programming</li><li>• Data representation</li><li>• Karnaugh Maps</li><li>• Little Man Computing</li><li>• Operating Systems w/ utility Software</li></ul>
<b>Paper 2 - Algorithms and programming</b>
<ul style="list-style-type: none"><li>• Data structures – Trees, Graphs, Linked Lists</li><li>• Recursion and iterative functions</li><li>• Pseudocode skills</li><li>• Big O notation</li><li>• Sorting algorithms</li><li>• Object Orientated Programming</li><li>• Features of an IDE</li></ul>
<b>Other Information</b>
<p>Both Papers heavily assess your ability to interpret and write program code (object orientated) for a given scenario – it is imperative that you continuously practice this skill in preparation.</p> <p>Lesson time is going to be used to further explore and practice these topics and resources will be provided to you. You are going to receive fresh past paper packs with which there is an expectation you are completing questions during independent study – <b>these should be brought to class teachers for feedback.</b></p> <p>You have access to:</p> <ul style="list-style-type: none"><li>• Past Paper Packs</li><li>• Course Textbook</li><li>• Lesson resources via the Microsoft Team</li><li>• Teachers</li></ul> <p>For further support and guidance please contact Mr Ravenscroft or Mr Ebrahim: <a href="mailto:l.ravenscroft@bishopchalloner.bham.sch.uk">l.ravenscroft@bishopchalloner.bham.sch.uk</a> <a href="mailto:b.ebrahim@bishopchalloner.bham.sch.uk">b.ebrahim@bishopchalloner.bham.sch.uk</a></p>