Bishop Challoner
Computer Science Department

A Level Computer Science
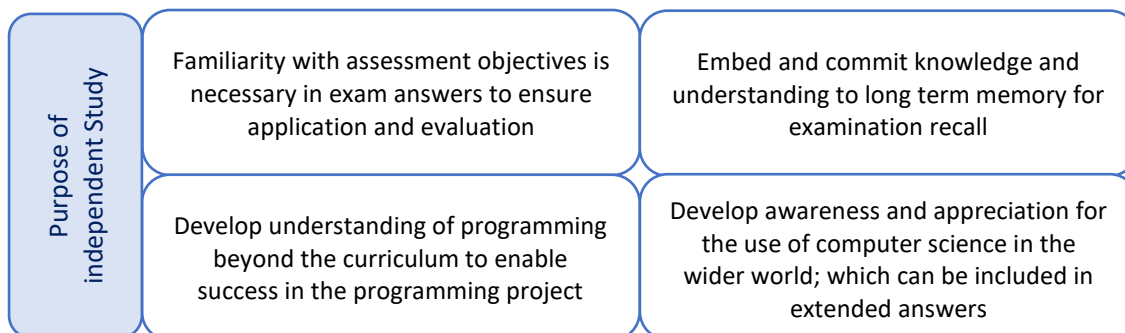## Study Skills and Support

Exam board: OCR

Course length: 2 years

How is it assessed? 2 written exams on 01 – Computer Systems and 02 – Algorithms and Programming (each worth 40%) and a programming project worth 20%.

Modules covered:

01 – Processors, Input – Output and Storage, Systems software, software development, compression, databases, networks, web technologies, data types, data structures, Boolean algebra, morals and ethics.

02 – Thinking abstractly; ahead; procedurally; logically; concurrently, programing techniques, computational methods, algorithms.

Purpose of independent Study	Familiarity with assessment objectives is necessary in exam answers to ensure application and evaluation	Embed and commit knowledge and understanding to long term memory for examination recall
	Develop understanding of programming beyond the curriculum to enable success in the programming project	Develop awareness and appreciation for the use of computer science in the wider world; which can be included in extended answers

Resource	Link	Useful For…	Requirements
Course Textbook	N/A	Independent revision & study	Course textbook from the school library.
YouTube	YouTube	Knowledge booster, second voice	N/A
Past Paper Packs	N/A	Exam style question practice, independent study	Past paper pack from class teacher
Mr Fraser	www.mrfraser.org	Accessing resources and work sheets	mrfraser.org login account (free to create)
Craig n Dave	craigndave.org	Resources for topics – broken down by spec	Access is free for most content – school has a paid account
AQA Past Papers	Search 'AQA A Level Computer Science Past Papers' on Google.	Different phrasing of exam style questions.	N/A
Class Teachers	l.ravenscroft@bishopchalloner.bham.sch.uk b.ebrahim@bishopchalloner.bham.sch.uk a.zenkic@bishopchalloner.bham.sch.uk		