Curriculum Overview

Subject: Computer Science

Year Group: 11

CHASE HIGH
Aspirations, Character & Excellence

Students are introduced to the topics for GCSE paper 2. Here they will apply mathematical skills relevant to Computer Science, enhancing their ability to think logically to solve problems. During the year, students will look at how computers represent data, use algorithms to search and sort data, and understand how to create robust programs.

TERM 1	TERM 2	TERM 3
KNOWLEDGE/SKILLS 2.1 Algorithms 2.2 Programming techniques 2.3 Producing robust programs	KNOWLEDGE/SKILLS 2.4 Computational logic 2.5 Translators and facilities of languages 2.6 Data representation	KNOWLEDGE/SKILLS Consolidation of learning in preparation for final exams
KEY ASSESSMENTS Half term 1: 2.1, 2.2, unit assessment Half term 2: 2.3, unit assessment	KEY ASSESSMENTS Half term 1: 2.4, 2.5, unit assessment Half term 2: 2.6, unit assessment	KEY ASSESSMENTS Half term 1: Summative assessment Half term 2:

Extended reading suggestions and external resources:

OCR J276 Specification - OCR GCSE Computer Science J276 Specification
BBC Bitesize KS4 - GCSE Computer Science - OCR - BBC Bitesize
Craig n Dave Videos - Craig'n'Dave - YouTube