



Edgbarrow School

Year 12

Computer Science

– Computer Science Theory



Curriculum Intent

The aim of IT and Computer Science is to develop young people who are digitally literate, resilient and have problem solving skills. Students will develop transferable skills to use across the curriculum, and in the wider world.

What am I studying this year?

Knowledge & Skills	Time of Year	Assessment
The characteristics of contemporary processors, input, output and storage devices	September / October	End of Unit Assessment Interactive Resource (participation)
Legal, moral, cultural and ethical issues	October	End of Unit Assessment Debate (participation)
Exchanging data 1	November / December	Interim Assessment
Revision & Exam Technique	January	Mock exam – Paper 1
Exchanging data 2	January / February	Final Assessment
Software and software development	March - May	End of unit assessment
Revision & Exam Technique	June	Mock exam – Paper 1
Consolidation, Exam Technique & Project Start	July	Project Deadline 1

When and how will I be assessed?

Students will submit work through Google Classroom throughout the year and feedback will be given both verbally and through private comments on Google Classroom to the students where appropriate. Alternatively, feedback will be given in the form of marked exam questions.

End of unit assessments will take place upon completion of each unit of study. These will take the form of exam style questions, sometimes with an additional multiple-choice section.

Revision Guide

Student notes should be used for revision. In order to create these notes, students use the mandatory textbook, as well as Teach-ICT subscription and Isaac Computer Science Access (a variety of sources).

Marking for Literacy

(Longer answers and written work will be marked for at least one of the below, your teachers will tell you which.)

Sp – Spelling mistake of key term
 // - Needed new paragraph
 C – Capital letter missing
 P – Punctuation needed
 Expr -Expression

Students will demonstrate pride in their work by:

- Take care of your book and work area. Including Sensible Folder Structure & File Names
- Title and date all work
- Write as neatly as you can in pen and make sure your electronic files are neat & readable.
- Update & improve any incorrect work.
- Upload all work to Google Classroom
- Diagrams, graphs, drawings should all be done in pencil or electronically.