



Edgbarrow School

Year 11

Computer Science



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
Algorithms	September / October	End of unit assessment
Programming Fundamentals and Robust Programming (including finishing project)	October / November	Mock
Computer Networks	December / January	End of Unit Assessment
Boolean Logic, Programming Languages and IDE's	January	End of Unit Assessment
Programming Techniques & Producing Robust Programs – Exam Questions	January	Revision Assessment
Systems Architecture	February / March	Mock
Paper 1 Exam Preparation	March / April	Exam Questions practice throughout
Paper 2 Exam Preparation	April / May	Exam Questions practice throughout

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.

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

Please note that students will be sitting TAG assessments for Computer Science, as they are for other subjects. Students will be provided with advance notice of relevant dates.

Revision Guide

Students will be provided with a Zig Zag Revision Guide by the CS / ICT department free of charge.

We recognise that students may wish to purchase a text book to support their learning outside of lessons. In this instance, we would recommend:

OCR GCSE (9-1) Computer Science by S Robson & PM Heathcote. Published by PGOOnline.

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.