



Edgbarrow School

Year 10

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
Secondary Storage	September	End of Unit Assessment
Primary Storage (Memory)	October	Quiz
Ethical, legal, cultural and environmental impact	October / November	End of Unit Assessment
System Security	November / December	End of Unit Assessment
Units and Data Storage	January / February	End of Unit Assessment
Operating Systems and Utility SW	March	End of Unit Assessment
Programming fundamentals & Producing robust programs 1	April / May	Interim Assessment
Algorithms 1	June	End of Unit Assessment
Programming fundamentals & Producing robust programs 2	June / July	Programming Project

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 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.

At the end of the year, students will complete a programming project to help them consolidate their problem-solving & programming skills.

Revision Guide / Text Books

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) J277 Computer Science. 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.