



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 and how and when will I be assessed?

Topic	Time of Year	Assessment	Homework
Exchanging data 1	Term 1a	Interim Assessment	Homework will take various forms including the following: exam questions may be set to help develop exam technique; -quizzes may be set to consolidate learning and identify common misconceptions; revision activities (e.g. Isaac Computer Science) may be set to help consolidate learning or revise for assessments; practical work may be set (e.g. coding) to help students develop their practical skills further. A Level Computer Science students are expected to spend two hours weekly on independent study as well as completing any notes and written or practical homework set.
Exchanging data 2	Term 1b	End of Unit Assessment	
Legal, moral, cultural and ethical issues	December / January	End of Unit Assessment Debate (participation)	
Revision & Exam Technique	January	Mock exam – Paper 1	
Software and software development 1	February - March	Interim Assessment	
Software and software development 2	March - May	End of unit assessment	
Revision & Exam Technique	June	Mock exam – Paper 1	
The characteristics of contemporary processors, input, output and storage devices 1	June & July	Interim Assessment	

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).



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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.