Edgbarrow School
Year 13
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.

o **What am I studying this year and how and when will I be assessed?**

Topic	Paper	Time of Year	Assessment	Homework
The characteristics of contemporary processors, input, output and storage devices	P1	September - October	End of unit 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. In particular, students should set aside regular time slots to complete their programming project between September and February.**
Data Structures & Advanced Algorithms	P2	September / October	Project work & exam Q's	
Mock Revision	P1 & P2	Mid October	November Mocks	
Software and software development	P1	November - January	Unit Assessment	
Computational Thinking & Computational Methods	P2	November / December	Project work & exam Q's	
Algorithms	P2	December / January	Project work & exam Q's Project code draft deadline of week 1 in January.	
1.4 Data Types and Boolean Algebra 1	P1	February - March	Interim Assessment	
Finalise Project	P2	February / March	NEA Hand-in (20%) Please see deadline info on GC.	
Mock Revision	P1 & P2	Mid February	February Mocks	
1.4 Data Types and Boolean Algebra 2	P1	March - April	End of Unit Assessment	
Revision & Exam Technique	P1 & P2	April - Exams	Exam questions (ongoing)	

- 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 sessions will take place in advance of mock exams.
- Students will be completing their programming project between September & February; the majority of this must be done in student's own time. Interim and final deadlines have been provided to students. The project is worth 20% of final A-Level grade.

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	Students will demonstrate pride in their work by:
(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	– 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.