



# Edgbarrow School

## Year 7

### IT & 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
<b>Functional Skills</b> Using Business Applications, Email & the Cloud and eSafety	Autumn Term	w/c 6th December Part A will be multiple choice questions and Part B will be a practical task linked to skills learnt.
<b>Data Representation</b> Learning Binary, Hexadecimal and how a computer works.	Spring Term 1	w/c 31st January Multiple choice & written questions within the assessment.
<b>Flowcharts &amp; Algorithms</b> Learning how to create a flowchart and write algorithms	Spring Term 2	w/c 21st March Multiple choice & written questions within the assessment.
<b>EDU Blocks</b> Block Programming through sequencing, selection & iteration	Summer Term 1	w/c 13th June Multiple Choice questions, written questions and a small practical task to create a program.
<b>Research Project</b> Using the internet to Research and create a presentation of results.	Summer Term 2	Assessment is the Final Hand in of Project at end of Term

#### When and how will I be assessed?

Student will be submitting work to Google Classroom throughout the year and feedback will be given both verbally and through private comments on Google Classroom to the students. To access google classroom please refer to the **Google Classroom Guide**.

#### Year 7 Assessment Fortnight:

##### You need to revise the following:

- E-Safety & Research Skills
- EDU Blocks
- Flowcharts & Algorithms
- Data Representation

A more detailed list of the topics to revise will be on Google Classroom prior to the assessments.

#### 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.