



Edgbarrow School  
Year 13  
**Product Design**



### Curriculum Intent

*At KS5 D&T aims to further develop confident students who have excellent practical skills, technical knowledge and are equipped to succeed in the next step of their educational path or pursue a career in one of the many fields of Design or Engineering.*

#### ○ What am I studying this year and how and when will I be assessed?

Project	Knowledge and Skills	Assessment	Homework
Coursework	Designing and prototyping of a chosen product for a client	Project work and final practical	Weekly revision out of class of topic areas covered in lessons is expected to be completed independently in preparation for weekly revision sessions that are held in class. Coursework will also need to be continued outside of the lessons to meet regular deadlines that are set through the year.
Theory	Materials, Moulding, tools and equipment, drawing techniques, CAD/CAM, user-centred design, Anthropometrics and Ergonomics, Technology, safe working practices, production methods, QC, QA and TQM, Product life cycle, legislation	Testing and Mocks	

Coursework is marked and assessed at key points throughout the year.

### 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

**Subject Specific Literacy:** isometric, ergonomics, anthropometrics, modelling, mitre joint, presentation, scale, acrylic, bobbin.

### Students will demonstrate pride in their work by:

- Presenting information clearly and neatly to aid learning
- Using a title and date for all work including homework
- Underlining all dates and titles using a ruler
- Writing in blue or black pen
- Completing drawings and diagrams in pencil
- Glue in sheets flat and in order
- Annotating work and making corrections in coloured pens
- Crossing out mistakes neatly with a line
- Highlighting key words and concepts