



Edgbarrow School
Year 8
Design & Technology



Curriculum Intent

D&T aims to develop mindful confident students who have excellent practical skills, technical knowledge and are equipped to independently prepare healthy nutritional dishes.

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

Project	Knowledge & Skills	Assessment	Homework
Contextual challenge – Festival promotion	Pewter casting, polymers, CAD (laser cutting)	Project work and final practical	Homework is set at key points through each project to further develop understanding or prepare for the next lesson e.g. research task. Frequency is dependent on the project being completed but no more than two homeworks are set each project
Manufacture – mobile phone stand	Timbers, polymers CAD, line bending, hand tools	Project work and final practical	
Manufacture – Fabric Sign	Textiles, basic sewing machine skills, sublimation printing	Project work and final practical	
Design knowledge - Mechanism	Gears, linkages and CAMs, types of motion	30min test at the end of the project	

All projects are taught throughout the year.

Final assessments are made at the end of each project.

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: crucible, promotion, pewter, velocity ratio, sustainability, denim, fibres, horizon line, vanishing point, perspective

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