

UNDERSTAND

Vocabulary

Make
Design
Plan
Sketch
Research
Annotate
Quantitative
Qualitative
Primary Research
Secondary Research
Clamp
Saw
Force
Load
Weight bearing
Fulcrum

Key Information

You will need to look after your notes and products during practical sessions as there will only be one lesson per week.

What you should already know

No KS2 DT teaching

APPLY

Information

Term 1 – Introduction to a workroom. Health and Safety awareness. Knowledge of Tools. Looking at design skills, how a brief is interpreted. Problem-solving skills along with looking at forces, loads, fulcrums and balance. There will be an opportunity to research amazing structures and architecture as a career.

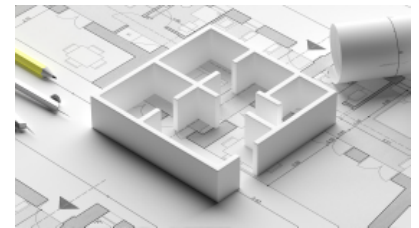
Term 2 – Making a prototype- Looking and interpreting the brief, referring to audience needs. Present the final design, with sketches and annotation. Making of a prototype to evaluate design. Resources ordering and planning diary for final term.

Term 3 – Making. Evaluate prototype before making the final bridge in the workroom. Finish and present the product with an evaluation and getting feedback from audiences. Opportunity to market and brand where appropriate.

Want to know more

In year 10, you have the opportunity to spend 50% of your time with an NEA, which is the interpretation of a brief. There are also questions on load, weights, forces and fulcrums/balance.

CREATE



Links to other subjects

Maths – Ratios, scales, measurements

Physics – Force, load, weight