



# DESIGN TECHNOLOGY

BE BOLD, BE BRAVE, BE BRILLIANT

# Design & Technology Learning Journey

Work Experience

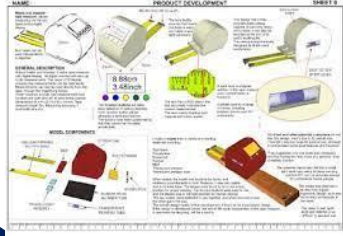
GCSE Written Exam

Non Exam Assessment

College? 6<sup>th</sup> Form?

Post 16 Choices

Apprenticeship?



Polymers Timbers

Final Assessed Projects



YEAR 11

Exam Theory

Mock NEA

YEAR 10

Eco

Design Strategies

Project Planning

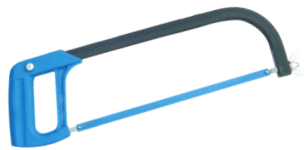
New Materials

Prototyping

Designers



$$\text{Area} = \frac{1}{2} \times b \times h = \frac{bh}{2}$$



Impact on Environment

Textiles Wearable

Sensors & Switches Automation

9.2 Can you wear technology?

9.1 What if robots took over the world?

YEAR 9

Conductive Materials

Electronics & Circuits

Nets

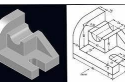
Metals

Biomimicry



Ethics & Sustainability

Smart? Is Packaging



CAD

Smart Materials



Exploded Views

Orthographic

YEAR 8

8.1. Should We Sleep In The Dark?

8.2 Can products rescue humans?

7.3 Can design make life easier?

Packaging Nets Cradle to Grave

Metal Forming

Eco Design

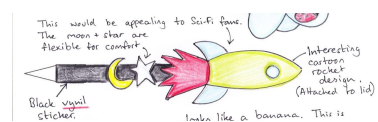
The 6 R's

Anthropometrics & Ergonomics

Product Analysis

Scales of Production

2D Design Skills & Rendering



Smart Materials

7.2 What can pewter do?

7.1 Can Junk become funk?

YEAR 7

3D Printing

CAD

Material Types



Design Cycle



H&S / Identifying Workshop Hazards

