



Links to literacy: Writing and comprehending research into a condensed piece of writing
Literacy- Evaluation of art movements.

Topic Name: Project Planning

Why do we study this?
To be able to set out the next two years of work. To form a team and brainstorm ideas

2

Topic Name: Focused Research

Why do we study this?
Now that we have chosen our product that will be moving forward with, with do focused research to understand all aspects of it. From cost and material, to end users and aesthetics.

4

Topic Name: Design Ideas (Drawn/CAD)

Why do we study this?
To show clients our ideas and brainstorm with our peers on improvements. To produce high end selected designs in CAD.

6

Topic Name: Manufacturing

Why study this project?
To understand the process of manufacturing, as well as a number of new tools and properties of metal

7

*The Design and Technology BTech has been designed to **nurture** and encourage you to use your creativity and imagination to solve problems, both as individuals and as **leaders** or members of a team. Through our **aspirational** KS4 curriculum, you will be using your design, mathematical and scientific knowledge to learn about new and exciting disciplines such as engineering, computing and art. The practical elements of this course will build your **resilience** and prepare you to **excel** in the working world.*

1

Topic Name: Department Store Retrospective – Looking at Context & Design Brief .

Why Do we study this?
To understand the task set to us by the exam board.

3

Topic Name: Primary & Secondary Research

Why do we study this?
To understand what products will be successful and which won't To gain further knowledge into the chosen items

Topic Name: Product Analysis and Mood Board

Why do we study this ?
To gain knowledge on existing products and to gather inspiration for future design ideas.

5

Topic Name: Evaluation

Why study this project?
Work out strengths and weaknesses, self-assess own practical work

8



Links to Numeracy

2d design shows Scale in mm – with regards to dimensions. Working out Volume for Birdhouse occupancy. . Producing cutting lists and cost list of materials