

Design and Technology students at NSB learn to design and make products that solve genuine, relevant problems within different contexts whilst considering their own and others' needs, wants and values. To do this effectively, they acquire a broad range of subject knowledge and draw on additional disciplines such as mathematics, science, engineering, computing and art. As a department we have been impressed with how our students have applied themselves so far this academic year.

Liam Greenough Y9



This term in Design, I have learnt the in-depth process of joining metal using permanent and non-permanent techniques. I have learnt how to braze, pop-rivet and form mild steel to create a tea light holder.



Charlie Townsend Y9

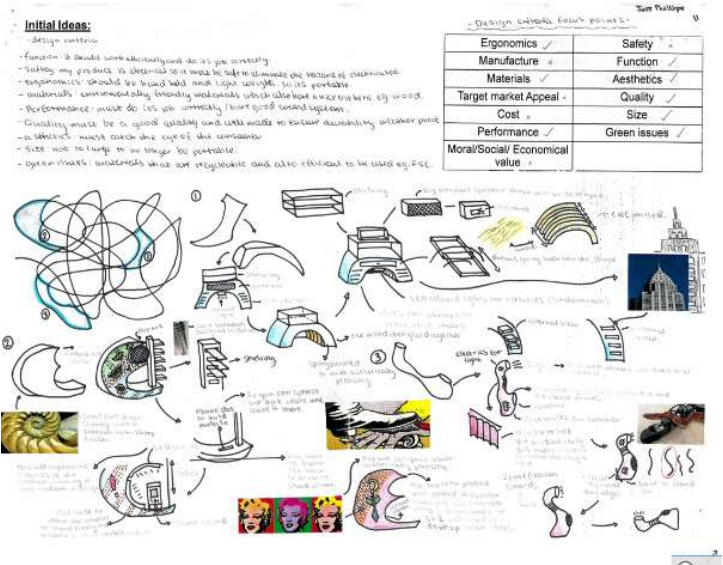
During this term, I have learnt in depth the process of brazing which was taught both physically by actually brazing and also using worksheets. I have really enjoyed the practical side of this term as it was very fun to come out of the end with something that I'm proud of.



Food and Nutrition students have also been busy getting back into the kitchen demonstrating their creativity and flair with a range of dishes.

Joss Phillips Y11

The brief for my course work is “Outdoor living”. My product is a speaker and light along with other functions such as storage and shelving. I am designing my product for my client who is a middle aged lady with a family of 4. The product will be used in the garden for socialising and communal gatherings. My inspiration is Pop Art which is a 60s art movement with colour and expression. I have used a range of design strategies such as the squiggle method and the crunched up paper method. This allowed me to prevent designers block and to develop new and unusual ideas. I am currently prototyping to check the function and aesthetics of my design, this will also help me to eradicate other faults and or weaknesses in my design/product.



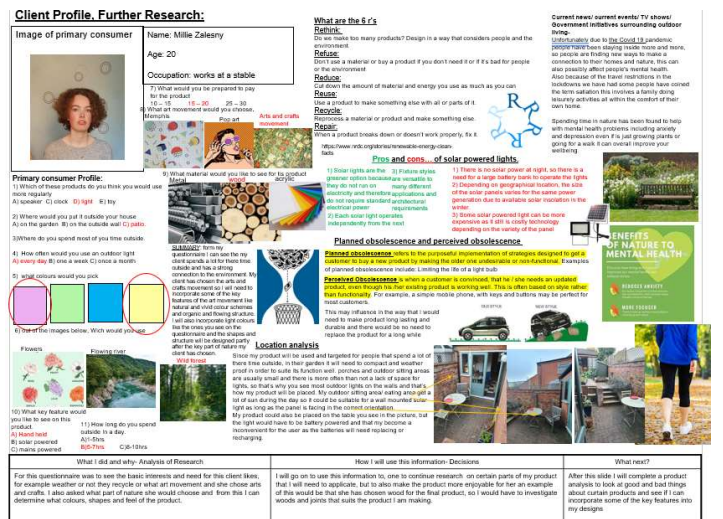
Sebastian Spence Y11

The brief for my course work is “Outdoor living”, hence I’m going to design and make a speaker for my client who is a student. I am making a speaker that is inspired by the Bauhaus art movement. I have chosen bold colours and strong lines in my design. I have experimented with different design strategies to create a range of ideas as well as using my research to guide my work. I am currently prototyping to see if my product will function correctly.



Eddie Zalesny Y11

Our design brief was “Outdoor living”, so I tried to think about products that people can interact with as well as trying to create a peaceful atmosphere for my client’s garden. My client is my sister, in my client profile I have asked multiple questions about what sort of product I will need to make. After this I went on to research about the art movement “Art and Crafts” which has inspired many of my light designs. I also did some more investigation into technology and manufacturing processes I will need to use to manufacture my product. I have also created my initial ideas for my light focusing on what it looks like. I have tried to include bold colours and organic shapes. I have now moved on to prototyping one of my best designs, and I aim to work out all of the flaws in the design and to create a high quality product



Year 12 have been refining their creative ideas and problem solving skills by investigating small storage. They have learnt how to render with graphic pens to produce a range of solutions.

