

PORTFOLIO ENTRY

MINI PROJECT 2020

If you do not have enough work to include in your Portfolio, perhaps try the MINI PROJECT design brief. Spend one week tackling the project. Submit all work, including the 'mistakes'. Do not worry about the quality of work, or having a perfectly finished design, we do not expect to see perfect designs! Include a description of what you did and why. **HAVE FUN TRYING IT!**

DESIGN BRIEF:

DOMESTIC KITCHEN BIN

We would like you to further demonstrate your attributes (see attributes list) through redesigning the domestic kitchen bin. You can focus on one or all of the bin types that exist within the kitchen; waste, recycle, brown, or glass bin.

THINGS YOU MIGHT CONSIDER IN YOUR REDESIGN:

- The weight and difficulty of removing a full bag from the bin, particularly for those with limited mobility.
- Successful separation of recycling, organic, and waste material.
- The smell of the bin.
- Space requirements.
- Or any other problems you notice people having when using the bin.

HOW TO GO ABOUT IT:

1. Understand the challenge:
 - Write a list of things that are not good about your bin.
 - Observe other people using the bin and highlight problems they experience.
 - Take photos (where possible) to highlight the problems observed.
2. Think of ideas:
 - Come up with ideas for new bin designs.
 - Aim to generate as many ideas as possible.
 - Use any method possible to capture these ideas, such as drawing or making.
 - Ensure to include a description beside each idea.
3. Build the best:
 - Select your favourite idea and try to build a scale (small) version out of cardboard and tape, or any other material available to you.
 - Ensure to include a description of why this is the best design

NOTE:

- You do not need Solidworks or other CAD software for this project.
- Ensure to include all work, even the mistakes!

SUCCESSFUL CANDIDATES will be able to demonstrate a variety of the following ATTRIBUTES through their portfolio submission: Curiosity, Making, Practical / hands-on, Critical thinking, Interest in how things work, Imagination, Thinking outside the box, Creative solutions, Problem solving, Empathetic (a desire to improve quality of life), 3d visual thinking (spatial awareness).