



ISB Design Process

Define and Inquire

- a. Explain and justify the need for a solution to a problem
- b. Define & empathize with a target audience and conduct primary research
- c. Analyze similar products to inspire solutions to a problem
- d. Identify skills and knowledge needed to create a high quality product and seek out this information through research and inquiry.

Develop and Plan

- a. Model and annotate feasible design ideas/prototypes
- b. Justify chosen design choice
- c. Develop a plan for creating this product including time, materials, equipment, locations
- d. Define design specification, clearly stating success criteria

Create and Improve

- a. Create prototypes based on the chosen design
- b. Use data and feedback to refine designs and improve prototypes
- c. Demonstrate excellent technical skills when making the product
- d. Create a high quality original product that functions as intended
- e. Create a high quality product that is visually appealing

Reflect - Make an Impact - Share

- a. Reflect throughout the whole design process
- b. Seek and evaluate feedback from others to improve your product
- c. Using the success criteria, explain the strengths and weakness of both the process and product
- d. Explain the impact of the solution on the designer, environment and client/target audience
- e. Share product and learning with others