

Kāinga Kōpuha

Kōpuha | Bach



| Design Challenge |

You have been approached by Tiny Home Design Company 'miHaus' (link [here](#) to company website) to design and model a tiny home or a piece of tiny home furniture for their upcoming future home design aimed at those aged 18-25 who are going to be first home owners.



Attributes | Specifications

miHous has provided the following attributes to which your design proposal should meet:

- Floor Plan must not exceed 45m² - this ensures your design remain classed as a Tiny Home (www.floorplanner.com)
- Must utilise at least one source of renewable energy to provide power
- Must include one unique feature that makes the design different to those already on the market
- Suitable for one person to live in
- Should appeal to first home owners aged 18-25 and meet their modern needs

Project Requirements

- Tiny Home/Furniture Research | What's out there already?
- Student Input | Gathering Information
- Energy Efficient Research | How can buildings be built to be more energy efficient and environmentally friendly?
- Key Design Attributes/Specifications
- Initial Concept Thumbnails | Generating ideas for floor plans and exteriors
- 3D Sketches
- Modelling and Development | workshop modelling, sketchup model, freehand sketches etc
- Scale Prototype (Tiny House Floor Plan model or Functioning Furniture Prototype) generated in Sketchup to scale
- Design Proposal A3 Presentation | Exemplar [Click here](#)