

Cardboard Chair Design Process

- Identify
 - Need to create a chair that:
 - Can be purchased and used by college students
 - Can fold up and be stored under a bed
 - Is made of cardboard

- Explore
 - Develop Research Questions
 - Ask questions to a wide range of people (demographics)
 - Personally observe individuals sitting in chairs
 - Sitting style and chair choice
 - Develop preliminary design criteria / specifications
 - Draw potential preliminary designs
 - Critique team member designs
 - Reduce designs down to manageable level (simplify)
 - Draw and specify one design to construct as a prototype
 - Build Prototype to ¼ scale out of cardboard
 - Critique team member prototypes (positive comments/observations only)
 - Use a selection matrix to choose one team-wide design
 - Draw and design final product

- Create
 - Design specs and drawing of a final product you want to sell
 - Include all specifications (weight, height, folding measurements, etc)
 - Sell this! Make it interesting!