

Name:

Date:

Class:



# Student Worksheet



1. Identify the Problem: In your own words, what is the problem and the constraints?

2. Research the Problem: What information will help you find a solution? Constraints?

3. Develop Possible Solutions: Brainstorm as many design ideas as you can.

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4. Select & Construct the Most Promising Solution: Which is the best idea?

5. Test and Evaluate the Prototype: How did it go? What were the problems?

6. Communicate the Design: Explain what you did so far, what happened, and what you would like to try next.

7. Redesign: How well did your redesign work?