Name:Click to enter your name

Date:Click to enter a date.

**Engineering Design Notebook**

**Ask:** Identify the problem, requirements that must be met, and constraints that must be considered.

Problem: Click here to enter the problem

Requirements: Click here to enter the requirements

Constraints: Click here to enter the constraints

**Imagine:** Brainstorm solutions and research ideas. Identify what others have done.

What have others done? Click here to enter the what others have done

Brainstorm your ideas Click here to enter your ideas

**Plan:** Choose you best idea from you brainstormed list and sketch a possible design. Don’t forget to label your design (click below to upload a photo of your sketch)



**Create:** Build a working model, or prototype, that meets the design criteria and constraints.

**Test:** Evaluate the solution through testing; collect and analyze data; summarize strengths and weaknesses.

Data: Click here to enter your data

Strengths: Click here to enter the strengths

Weaknesses: Click here to enter the weaknesses

**Improve:** Based on the results of the tests, make improvements on the design.

Click here to describe your suggested improvements.

