



Name _____

Date: _____ Grade _____

Project: _____

Engineering Design Process Worksheet

1. Identify: (State the Problem or Need)

2. Research: (Use Internet, Books, Ask)

3. Identify Requirements & Constraints: (What do you need to do? What are you allowed to do?)

4. Brainstorm Ideas and Solutions: (Based on your requirements and constraints develop ideas)
(There is no such thing as a bad Idea)

5. Draw Your Design: (People will understand it better if they can see it)

6. Build a Prototype: (First working model)

7. Test Prototype: (Make certain it works and meets requirements)

8. Evaluate and Redesign: (identify what is wrong and develop solutions and repair as needed)
