**Engineering Design Process Worksheet**

**3. Imagine: Brainstorm ideas for solutions.**

1. **Ask**: What is the problem?

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**4. Plan:** Draw a diagram. What materials will I need?

**Design:**

**6. Test:** Evaluate my pedometer by comparing it to another step counter app. Record results here:

My pedometer: \_\_\_\_\_\_\_\_ steps

App pedometer: \_\_\_\_\_\_\_\_ steps

Are there any differences? Why?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

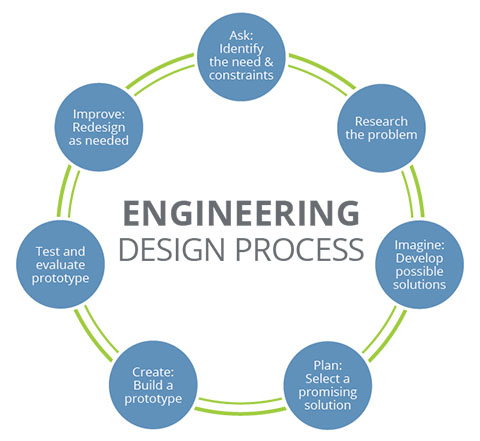
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**Materials:**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**5. Create:** Build my prototype.



**7. Improve**: How can I improve my prototype?

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