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

2. **Research**: How did you research this topic?  
__________________________
__________________________

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

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

Design:
**Design Your Own Pedometer!**

**Engineering Design Process Worksheet**

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

**Materials:**
1. ______________________
2. ______________________
3. ______________________
4. ______________________
5. ______________________

**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?
_________________________________________________
_________________________________________________
_________________________________________________

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