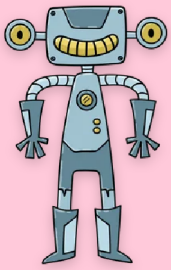
SCIENCE · ENGINEERING DESIGN · GRADES 2–4

The Engineering Design Process



Number the five steps engineers use, from ask to improve, then name a problem an engineer could solve.

Name: _____ **Date:** _____

Engineers solve problems by designing things. They follow these steps, and they go around again and again until the design works well.

1. Number the steps from 1 to 5.

- ☐ Create: build your design.
- ☐ Ask: what is the problem? What do I need?
- ☐ Improve: test it, then make it better.
- ☐ Plan: draw your best idea and list the materials.
- ☐ Imagine: think of lots of ideas.

2. Think of a problem at school. What could an engineer design to fix it?

_____

_____

3. Draw your idea.

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