Engineering Design Process

The Engineering Design Process is what you will use to create your invention.

These are the same steps engineers follow to make the products we use every day.

1. Problem

Find an interesting problem and then describe it.

3. Requirements

Describe what the solution needs to do.

5. Prototype

Figure out how your invention will work.
Then build a model of it.

7. Communicate

Tell others about your invention and how you made it.

2. Research

Learn about the problem and find out how other people have solved it.

4. Solution

Think of different ways to solve the problem and choose the best idea.

6. Testing

Test your prototype to see if it works. Keep making changes until it does.



