

Engineering Design Process

What is the problem?
What have others done?
What are the constraints?

Ask

Imagine

What could be some solutions?
Brainstorm ideas.
Choose the best one.

Plan

Draw a diagram.
Make a list of the materials you'll need.

Create

Follow your plan
and create it.
Test it out!

Test

Improve

Make your design even better.
Test it out!

Production
Design satisfies the goal

The Goal