



The Engineering Design Process

ASK

What is the problem?
What are the constraints?

IMAGINE

What are some solutions to the problem?
Brainstorm a list of ideas. Choose the best one.

PLAN

Sketch the design. Make a materials list.

CREATE

Build the design according to the plan.

TEST

Try out the design.

REFLECT

What about the design works well?
What can be changed or improved?

IMPROVE

Modify the design to make it better.
Retest the design.