

# ENGINEERING DESIGN PROCESS

## 1. Empathize & Define the Problem

Learn about the problem and who it affects.  
Write a problem statement describing the issue, including the people that are affected.

**Example:** “There is a need for prosthetics legs for those men and women who are amputees.”

## 2. Imagine

Brainstorm ideas on how to solve the problem.

## 3. Create

Narrow down your ideas to choose one model to create.

## 4. Test & Communicate

How well does your model work? Share your results.

## 5. Evaluate & Improve

Ask reflection questions about what worked and what did not work.  
How can you improve your design?

