THE ENGINEERING PROCESS

A) DEFINE THE PROBLEM
What problem are you solving? What do you need to do?

B) ANALYZE
What do you “Know / Need To Know”? Research the problem. What are possible solutions?

C) DESIGN
Sketch potential designs. List advantages & disadvantages. Build a prototype.

D) TEST
Try out the design. Did it meet requirements? What changes would make it better?

E) REVIEW, REFLECT, REPEAT
How can the design be improved? What did you learn? What would you do differently next time? Return to Step B.