

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.

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