

Planning Like an Engineer



ASK

- ◆ What is the problem to be solved?
- ◆ What have others done?
- ◆ Research the possibilities.



THINK

- ◆ What are the guidelines?
- ◆ Are there any limits?



IMAGINE

- ◆ What are some solutions to this problem?
- ◆ Imagine the possibilities.



CHOOSE

- ◆ Choose the solution you think will best solve this problem.



PLAN

- ◆ Draw a sketch or diagram.
- ◆ List your materials.



CREATE

- ◆ Follow your plan.
- ◆ Create your solution.
- ◆ Test it out!



IMPROVE

- ◆ Keep track of what worked and didn't work.
- ◆ Discuss what can work better.
- ◆ Redesign.
- ◆ Test it out!

