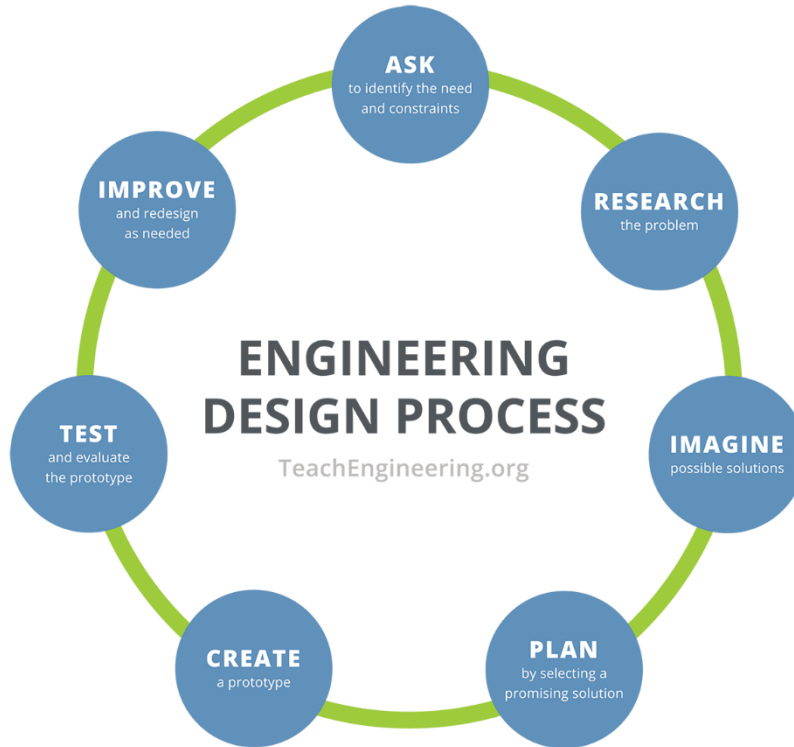


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## Engineering Design Process Notebook



1. **Identify the needs and constraints.** List the needs and constraints of the design problem.

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2. **Research the problem.** What designs already exist? What works and what needs improvement?

3. **Brainstorm/create possible solutions.** List ALL ideas in the group and include sketches. Attach additional paper if necessary.



Name:

Date:

Class:

6. **Evaluate the prototype.** Honestly evaluate your prototype in comparison to the other group designs.

7. **Improve the design as needed.** Discuss as a group what you would change if you had the time to redesign.