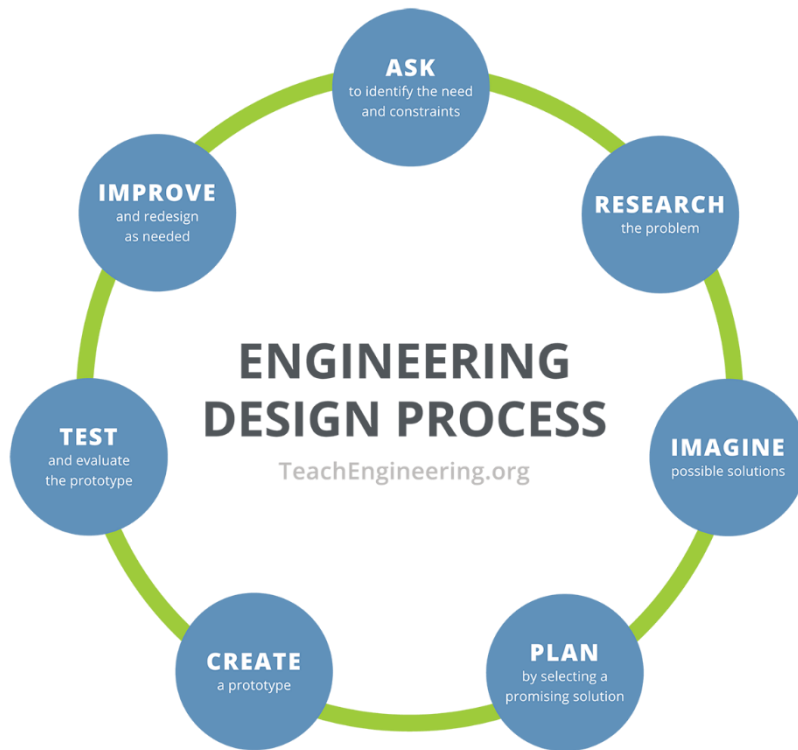


Name:

Date:

Class:

## Paper Towels, Pool Balls Challenge Engineering Design Process Notebook



1. Identify the problem

2. List the problem constraints

Name:

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Class:

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

4. **Plan a solution.** Based on the brainstormed ideas, choose one solution as a group. Describe the chosen solution and list as many details as possible.

Name:

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Class:

5. **Collaboration.** Write down any ideas you gained from conversing with the other groups.

6. **Update your brainstormed solution.** Describe what changes you made.

7. **Create your planned solution.** Keep track of what is working, what is not working, and any design changes that needed to be made.

Name:

Date:

Class:

8. **Evaluate your prototype.** What worked? What didn't work?

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