

**Title:**

## Engineering Challenge

July 20, 2022

**Problem Statement:** Write the problem statement in your own words and interpretation. What are you trying to achieve? What is being learned through this challenge?

We are trying to make a single piece of paper float on water with an item on top of it. Surface area and weight distribution is very important.

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**Materials:** List the materials given (if any).

Paper, water, magnets, coins

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**Approach:** Write a description of your plan to achieve the goal of the problem statement. Add drawings/sketches/CADs if possible.

**We made a paper boat and put magnets and coins inside of it**

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**Solution:** What is your solution to the given problem?

**Instead of making a normal paper boat we folded in the little triangle thing so it became a cone.**

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**Analysis:** After testing, did it achieve your goal? Either way, what could you have done better? If given more time/materials, what would you do differently?

**Yes, we were able to make a boat that stayed up for 5 minutes. Our boat was pretty good and I don't know what we could've done better. If we were given more materials I would have used more layers of paper and some tape.**

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**Images:**

