

Title: Paper boat challenge

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?

The problem was to make a paper stay long on the water for 5 minutes and make it as heavy as possible. What I learned is that surface area helps to stabilize heavy things on water.

Materials: List the materials given (if any).

1 paper and material that you want to put on a boat.

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

Our group thought about what would be good for staying on the water for 5 minutes.

Solution: What is your solution to the given problem?

My solution was making shape of boat because I thought there would be a reason why people made the boat in the shape of boat that is used a lot today.

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?

I would have coated the bottom of the boat with something else than paper if possible and then made the paper boat bigger so it could hold more weight.

Images:

