

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?

How can you use one singular piece of paper to hold a water proof object for 5 minutes without sinking?

Materials: List the materials given (if any).

1 piece of paper and 4 quarters

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

Went on YouTube and searched how to fold a paper boat. We tried following the steps and messed up on the last half.

Solution: What is your solution to the given problem?

We tried folding the corners of the paper and folded it many times and put 4 quarters on the inside to make the weight even.

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?

When we put it in the water over the other 3 groups ours was one of the only ones that showed no signs of water coming in or signs of sinking.

Images: