

Title: Rocket

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?

Trying to make bottle fly far as possible using the fuel and by attaching things to the bottle.

Materials: List the materials given (if any).

Bottle and any material needed that teacher can get without paying money.

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

I thought when our group made the glider I thought the glider would glide down.

Solution: What is your solution to the given problem?

Glider was our solution.

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 think we should have made the wing as strongly attached as possible and make a wing that could stabilize the rocket. Also our group could have used different kind of fuel rather than water.

Images:

