

Title: Aerospca Engineering

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?

Materials: List the materials given (if any).

Cardboard

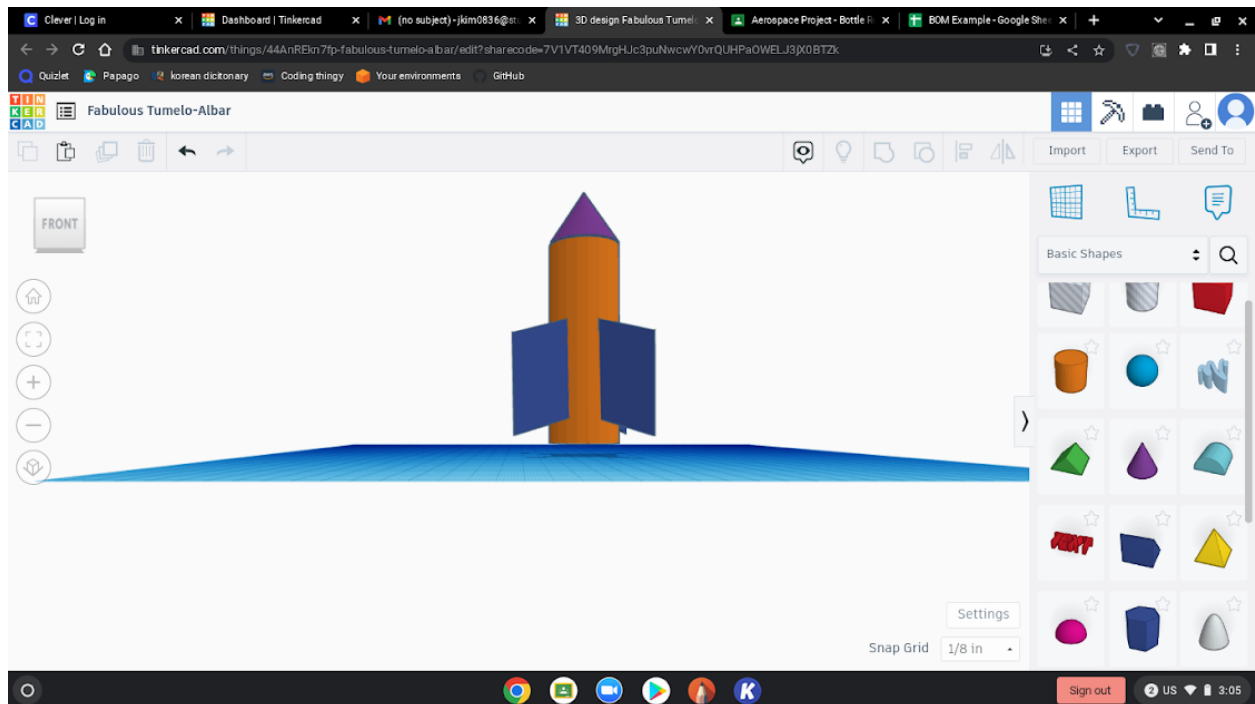
Construction Paper

2L coke bottle

Mentos

Coke

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



Our approach was to add fins as well as a triangle cap for aerodynamics.

Solution: What is your solution to the given problem?
We added coke as well so it can push the bottle up.

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?
After testing our rocket bottle went pretty far compared to other rocket bottles. I think we could have made it more aerodynamic letting it go further.

Images:

