

# The Egg Drop



Mrs. Brown

4th

# Ask

## Criteria

- .fall for at least 1 second.
- .stay inside the device.
- .does not get cracked.

## Constraints

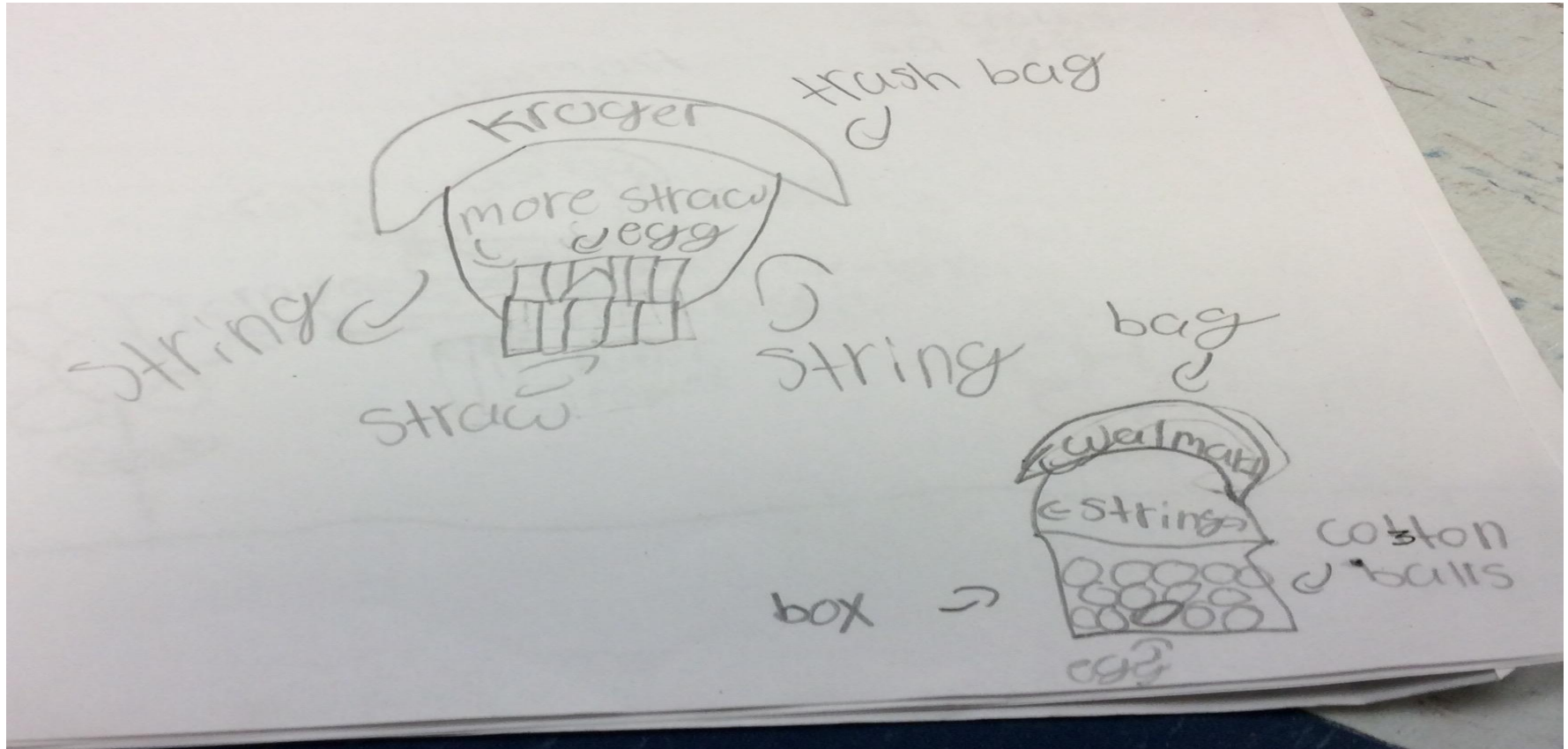
- . Time
- .money \$5 maximum for materials

## What have I done

.I have seen people put their egg in a cup and have 2 strings attached to the cup.

I have seen a cup full of cotton balls that protect

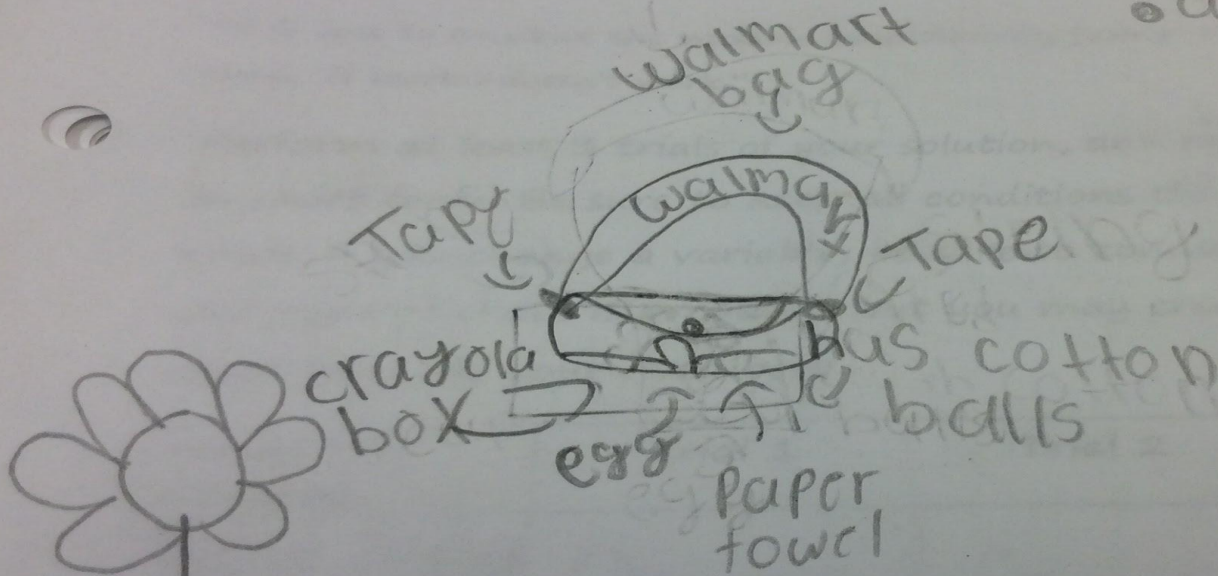
# Imagine



# Plan

## Materials

- 3 paper towels
- 30 cen of Tape
- 1 walmart bag
- 1 crayola box
- a egg



# Create



# Test

*Think back to your original problem, and decide how you will measure the success of your solution.*

*Perform at least 3 trials, and record the results in chart form. (One chart is provided, but you may create your own to fit your data best).*

Variable I am measuring:	Trial 1	Trial 2	Trial 3
How long will it fall for. Will it break	2 seconds Did not break	3 seconds Did not break	2.5 seconds Did not break

## Improve

- I added paper towels around my egg.
- *It made the egg super sturdy and it worked.*
- *It worked because it made some of the criterias.*
- I would have added 2 bags so it would last longer with more wind and I would have added cotton balls to make it safe.