

# How far do objects go on a catapult light or heavy?

## Abstract

I wanted to know how far things go on a catapult based on being light or heavy.

## Background Research

This Link is how to make the catapult I used for the project

<https://m.youtube.com/watch?v=5LAaUr89ful>

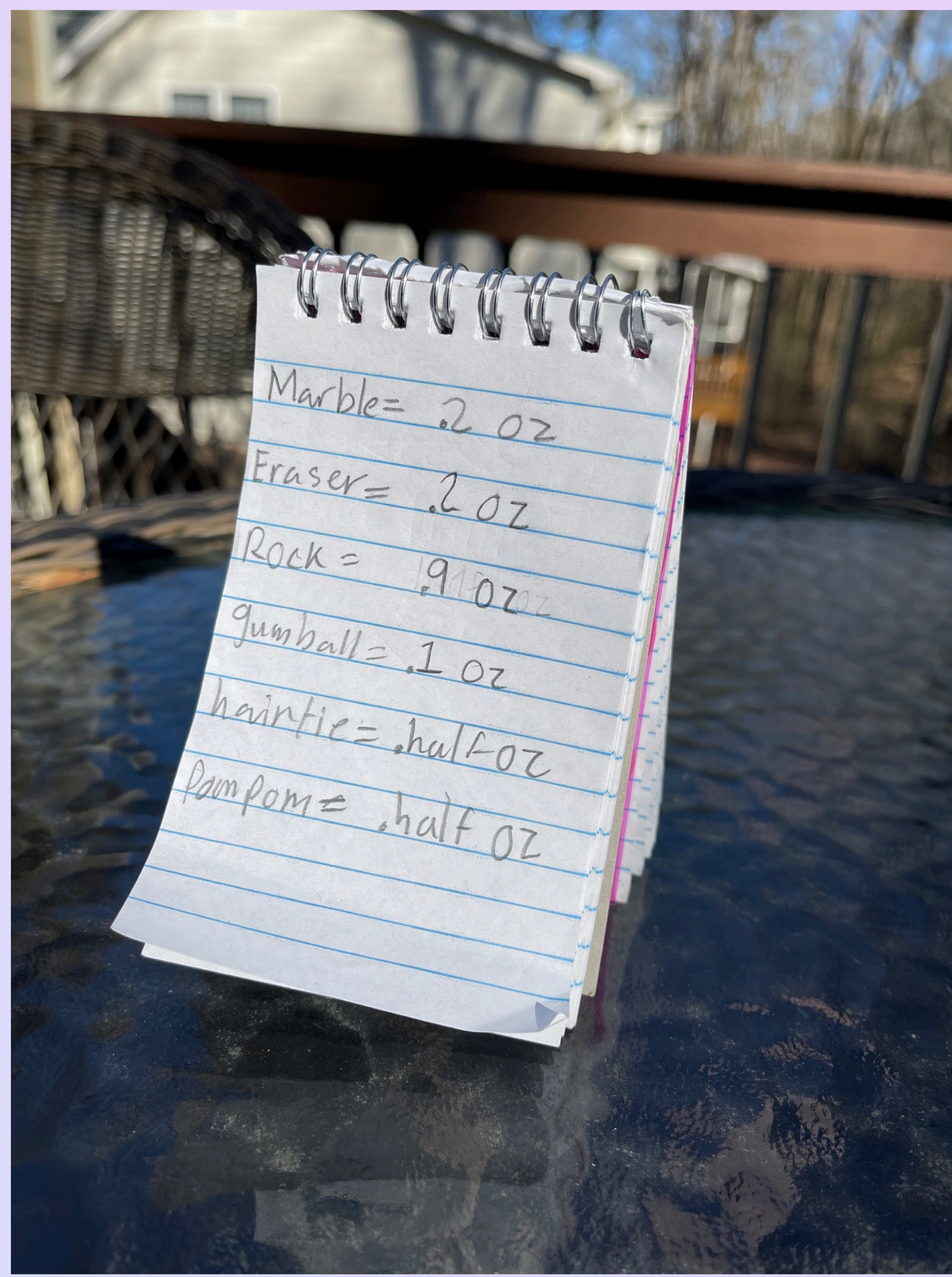
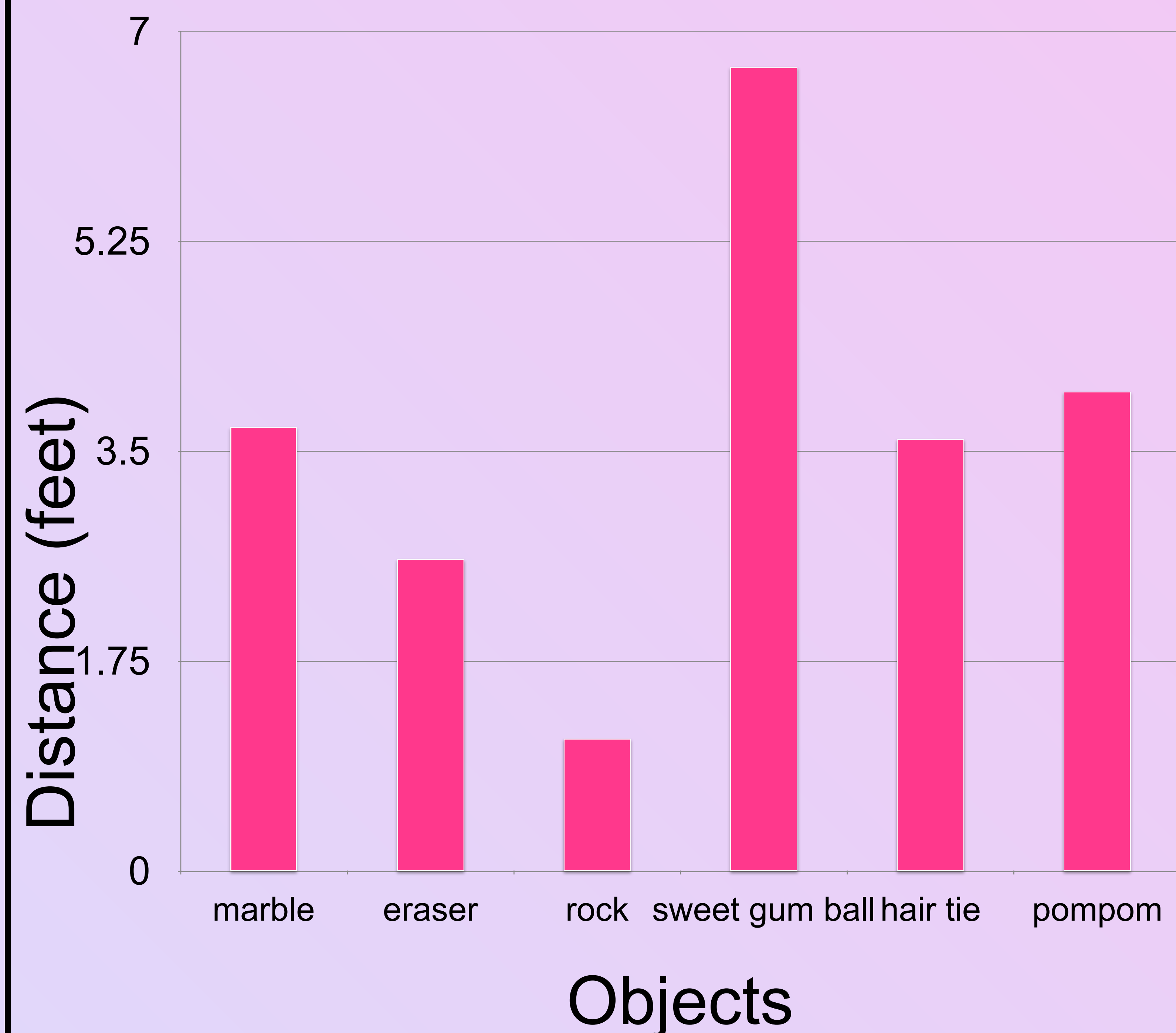
I also watched some BrainPOP videos for more information. And so that I understand the project.

## Procedures

1. I made a chart and labeled the objects and catapulted the objects.
2. Then I put how far they went on the catapult on the chart.
3. Next I weighed on the postal scale
4. Lastly I made a data table.

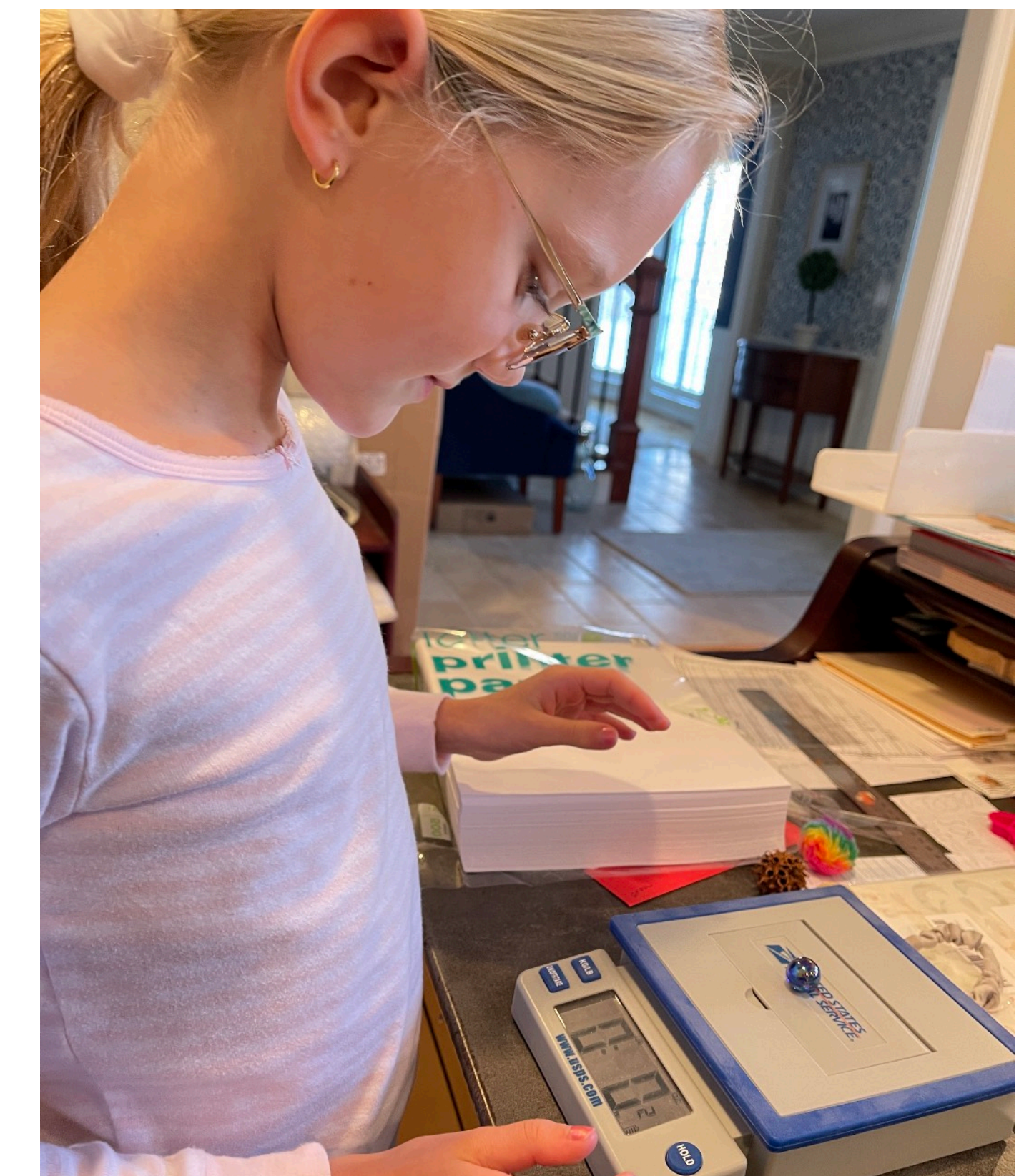


## Data Table



## Results

As you can see from my chart, to the middle says that the sweet gumball went the farthest. Unlike that I thought that the rock would be the farthest.



## Materials

The materials used for the project are: A Catapult, Gumball, pom-pom, hair tie, rock, marble, eraser, measuring tape and pencils and paper

## Conclusion

I Learned that the lighter objects go farther on a catapult than heavy objects do.