

# STEAM Report

## Introduction

Hi, my name is Summer Diaz. I am 10 years old and a student at Theodore Roosevelt School (TRS) in Weehawken. I am here to talk to you about my process through STEAM. STEAM is a very important and difficult task to do because I have done many projects involving STEAM like my Umbrella Holder that I made when I was 8 in 3rd grade. Which prevents having so much groceries in your hand when it's raining so you only have to hold one thing. Then my most recent project is Finder which prevents you from losing your lost devices.

## STEAM Process

One example of my process through STEAM is when I made the Umbrella Holder in 3rd grade. I thought of that because whenever my mom went to the store I knew she wouldn't want to have to walk in the rain carrying all these groceries. So then I started brainstorming my idea and knowing what materials to get. I had to get a PVC

pipe, an umbrella, paint, tape, and that's it. From that point it was easy! The PVC pipe was already built. I just attached the umbrella into this medium sized hole that slid in but was too big. Fortunately I had duck tape and secured that around the hole in the PVC pipe and then I painted it! I got to present my project to the judges, I was so nervous but ...they liked it!! Now my other project was Finder, as I said previously. However, Finder was way different. It involved all technology and it was pretty difficult because it was an app! I had to have the struggle of not finding websites to actually code the app which was a big problem. Then finally I stuck to a website called appypie.com. I got inspired because I have 2 other siblings and we can tend to lose our devices a lot. Once we had appypie I started to get to work. I made the design of the logo which is a light blue flower in a vase with a yellow background with the letters Finder written on the bottom. Once I got that done I had to figure out some sort of price and I decided to put \$5-\$10 dollars for the app. I wanted to make a decent price so it would be inexpensive but good quality at the same time. By the way, Finder stands for Fun, inexpensive, neat, dope, easy, and reliable. The solution to Finder was to prevent families big or small to not lose their device in a

short amount of time. Once I finished Finder we had the science fair which was harder than I expected but I would say I did pretty well. I talked about how Finder can save you a lot of time and how it would have to be downloaded on your ipad,phone,watch,etc. I also talked about how it can have a big impact on people who are always rushed and I really think my project can help people. Now the judges really liked it but I didn't win which was totally fine. However luckily my project was good enough that I got to enter this STEAM contest!

## Conclusion

I really enjoyed all the opportunities to do STEAM. I thought they were so fun and enjoyable. I hope you enjoyed reading my STEAM report and hopefully this gave you some good advice!