Boats vs. Waves

Spradling, Dominick (School: Moutain Pine High School)

Let's look at some boats, The experiment shows different types of hulls on boats that were designed. There are three designs that will be tested to see what can hold the most cargo and perform the best on water. The designs were made through tinkercad.com; each design was very different in shape and size that were tested in the same water. The first design could hold one hundred cargo pieces. The second design can hold seventy-six cargo pieces. The third design can hold fifty-eight cargo pieces. The first design didn't sink on both rough and smooth water. The second design sank once in the rough waters during the experiment. The third design had a printing defect and sank three times, twice in rough and once in the calm waters. The best design was the first as it can hold the most cargo and stay afloat the longest and the best.

Awards Won: