

Air Powered boat

My design was simple it is a flat board of wooden craft sticks and a balloon that uses air to push it. I got the idea to use a balloon because I had a previous project that used a balloon to power a car. My goal was to see if air is still a good way to power moving vehicles in water. By positioning the balloon in the center of the little raft I made I blow into the balloon which when let go on water is supposed to push it.

Materials

I used wooden craft sticks I had.

Hot glue which was used to glue the sticks.

Hair tie that was used to tie the balloon with the straw.

Straw so I can blow into the balloon and so it shoots air in one direction.

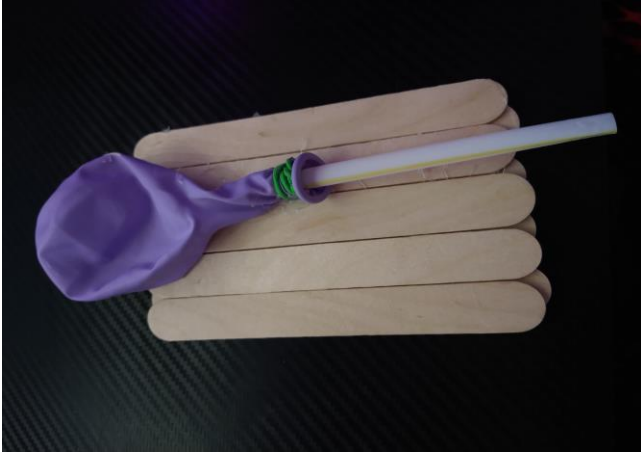
Most importantly is the balloon which powers my boat.

The steps I took were.

First, I got 9 wooden sticks made five in a row then put 4 in each gap of those five sticks. I used hot glue to seal up the lines in between the sticks and brought my balloon over with the straw. I used a hair tie to tie the balloon and the straw together I proceeded to add glue on the bottom of the balloon and stick it on the raft. Then I place it in a tub for kids and tested it out.

Results

The boat floats perfectly and the balloon also works



Mynor Lopez