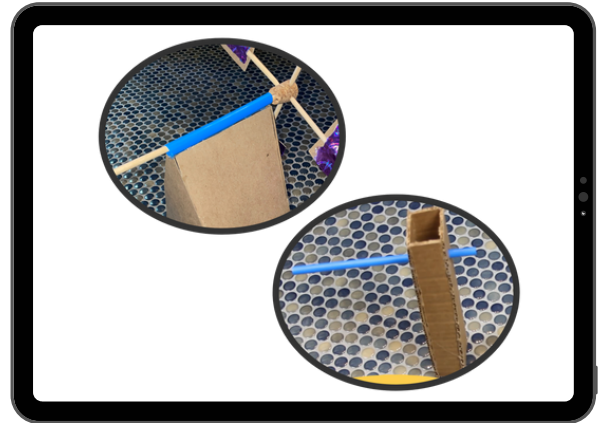




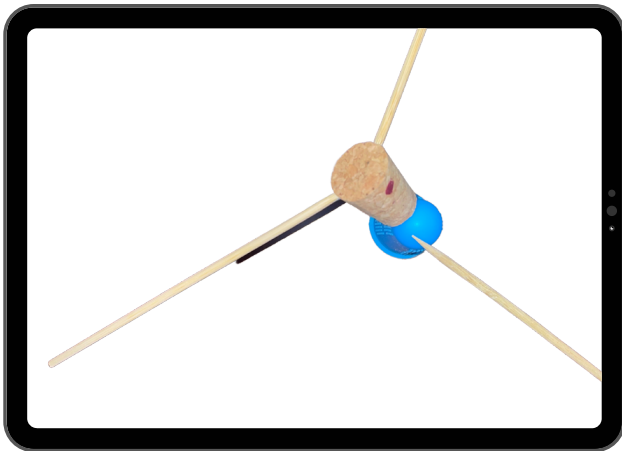
Step-By-Step



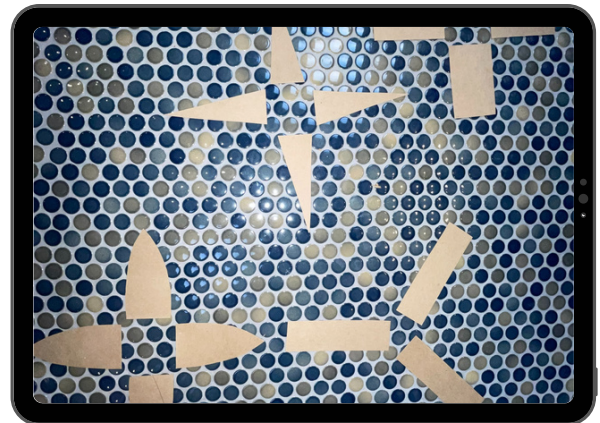
1. Build some sort of base for your turbine



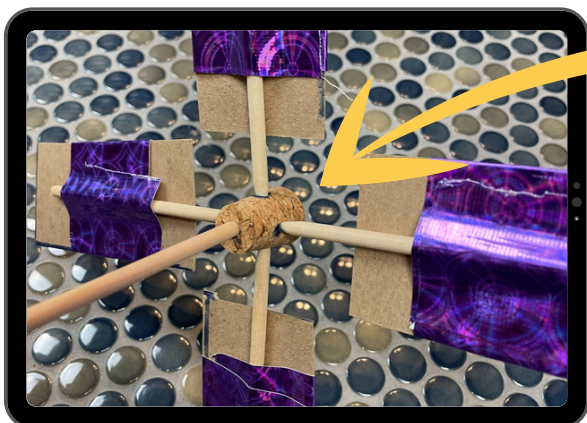
2. Find a spot near the top of the tower to place a straw level with the ground



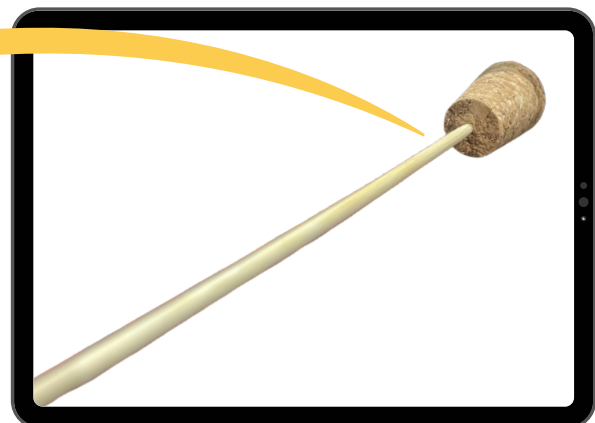
3. Mark where you want your blades on the cork and stick skewers in



4. Cut out fins. These are different examples.



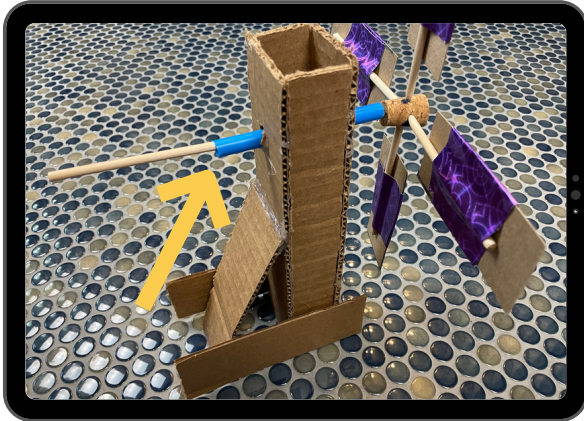
5. Tape or glue your fins to the skewers you stuck in the cork



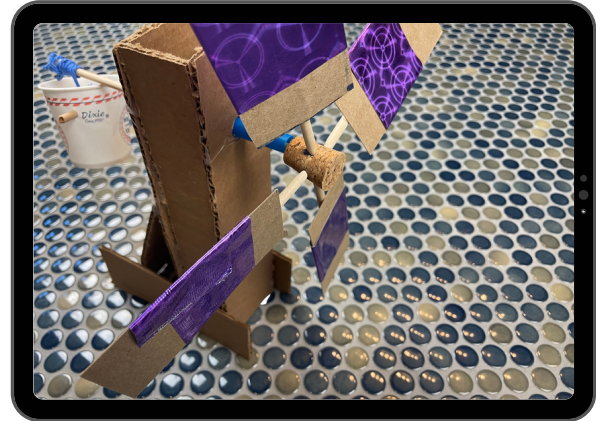
6. Take long skewer and stick it into the back of the cork.



Step-By-Step



- 7.** Trim straw and stick long rod through it. Build base if necessary so does not blow over!



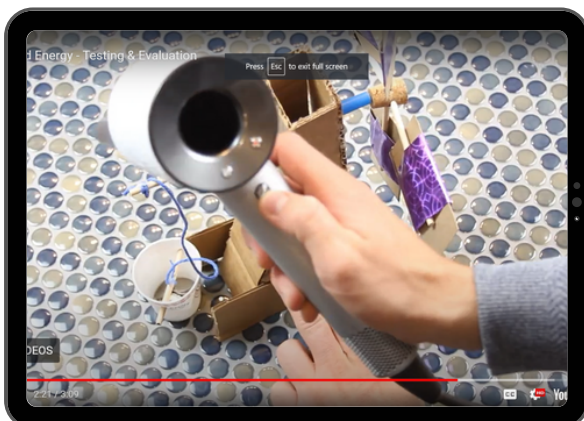
- 8.** Angle the blades!! Otherwise they will not turn.



- 9.** FOR TESTING: Find a way to tie a string to your cup



- 10.** And tie & glue the other end to the back of the long skewer



- 11.** Load weights into cup and blow air at the blades to get them to spin!

HELPFUL TIPS!!

- Customize: # of fins, shape of fins, size of fins, angle of fins, etc.
- To make blades all the same, cut one, then trace it to make others
- Make sure when you angle the blades you angle them all in the same direction
- Feel free to hot glue any places to reinforce them and give extra durability.