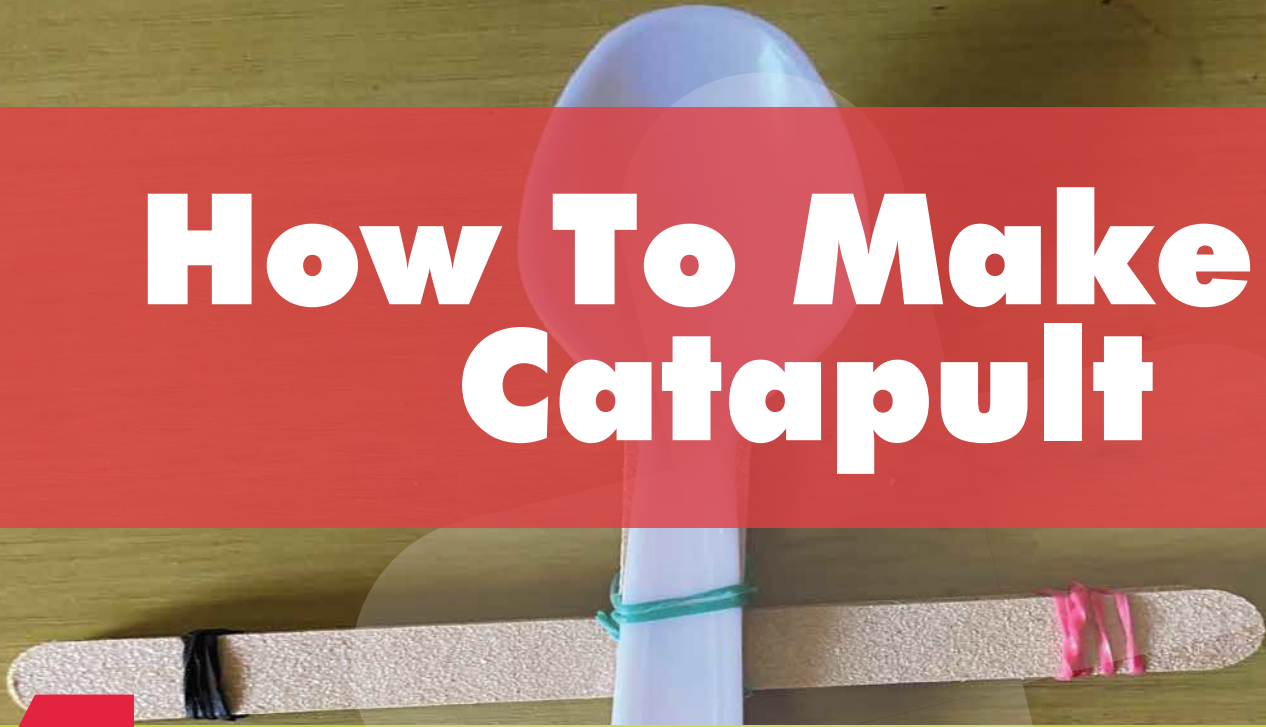




How To Make A Catapult



1



Gather materials:

- Spoon
- Seven (7) Popsicle Sticks
- Six (6) Rubber Bands

2



Stack five popsicle sticks and wrap one rubber band at the end of each side.



3



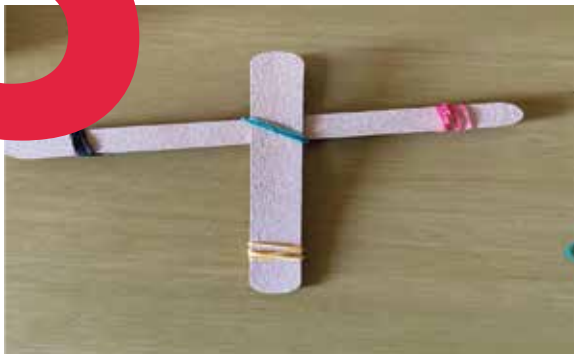
Take the stack of five sticks and place it perpendicularly in between the two remaining popsicle sticks.

4



Secure them together by wrapping a rubber band around the center where the two sticks meet the stack of five sticks.

5



Wrap another rubber band at the end of the two sticks to secure them together.

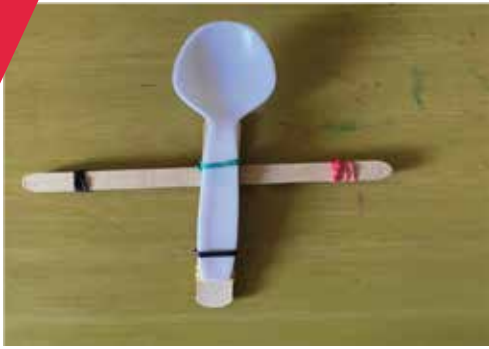
6



Take a plastic spoon and place it on top of one of the two popsicle sticks. Wrap a rubber band around the spoon and two sticks, close to the center of the catapult.



7

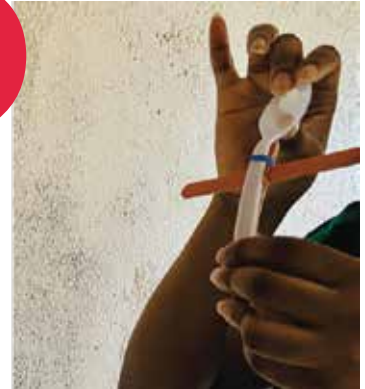


Wrap a rubber band around the bottom of the spoon and two sticks.

Try this!

- Fling various objects in your catapult (ex. cotton balls, marbles, styrofoam peanuts, or any round object that's small enough to launch from your spoon)!
- Measure the distance each item flies. Which one flew the farthest?
- Want to make your catapult stronger? Try making your wedge bigger! How does it change the distance?

8



Now try using your catapult to fling various items across the room!

Have Fun!