How To Make A Catapult

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

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

2.
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.

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

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

Wrap another rubber band at the end of the two sticks to secure them together.
Wrap a rubber band around the bottom of the spoon and two sticks.

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

**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?

**Have Fun!**