

build your own CATAPULT

You will need:

- 9 large wood craft sticks
- 6 elastic bands
- a plastic spoon
- small projectiles to launch from the catapult

BUILD IT

1

Stack 7 craft sticks and tightly wrap a rubber band around each end.

3

Slide the larger bundle between the two sticks in the smaller bundle and secure it with a rubber band.

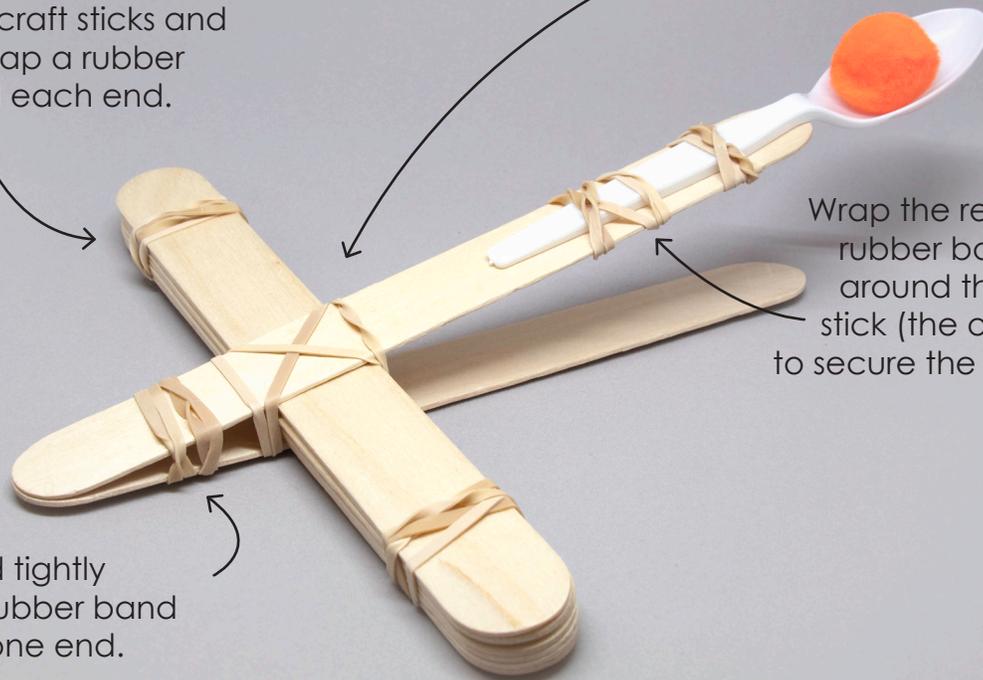
4

Wrap the remaining rubber bands around the top craft stick (the one sticking up) to secure the spoon.

Stack the other 2 craft

2

sticks and tightly wrap a rubber band around one end.



TEST IT

- Place a pom pom or styrofoam ball in the bowl of the spoon
- hold the catapult in place
- pull down the spoon
- and let go!

EXPLORE

- How far will a projectile fly? Does it make a difference what object you're shooting?
- Can you hit a target? Which projectile is easier to aim?
- What changes can you make to your catapult so a projectile will fly further or higher?