

# CATAPULTS

## Materials:

- 25 Wood Popsicle Sticks
- 2 Cups
- 5 Feet Of String
- 3 Rubber Bands
- Duct Tape & Glue
- 2 Plastic Spoons
- 2 Wood Dowels
- 2 Clothes Pins

## Guidelines:

- You can't hold or power your catapult. You can pull but you can't push.
- You can't alter the projectile.
- Eternal glory awarded for max range and style.

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## Full Lab Report: (composition notebook)

- Data
  - Horizontal distance
  - Time in the air
- Calculations
  - Initial velocity
  - Launch angle
  - Max height

