



Catapult - Elementary Option

Ready...Aim...Fire! Go back in time to become an engineer hired by the kings, and build your own working catapult with your very own hands! This hands-on experience touches on history, involves significant interaction, and is high impact...literally! Two historically accurate and intriguing wooden models show how medieval kingdoms utilized technology to launch attacks from great distances. Students also build a graphically rich castle from cardstock!

You will need:

- Printed Castles on Cardstock
- Wooden Popsicle Sticks (13 per child)
- Masking Tape
- Dixie Cup (1 per child)
- Rubber Band (1 per child)
- Scissors
- Wooden Blocks or Marshmallows

Catapult Tips:

Building

1. This is an exciting, yet involved project. Do not be intimidated. Be sure to have adults on hand to help complete this project in a timely manner.
2. Organizational tip: Consider having 13 popsicle sticks, bundled with a rubber band, placed inside a Dixie cup for each participant. Any step you can complete ahead if time will make the construction process smoother and more efficient.
3. Important! Listen to all of the instructions for each step prior to starting that step.
4. Use quality masking tape. The better the tape, the easier the construction process.
5. It is not advised to have each student make their own catapult. Have groups of 4-6 students create one team catapult and build one team paper castle. This will speed up the construction process immensely. Be sure to include different students at different points in the construction process. While kids wait for their turn to build a portion of the catapult, have them take turns building the paper castle.
6. Keep things moving! Do not wait for every group finish each step completely. Start the next step of the video when 85% of the groups are ready to move on. Be sure to have adults at hand to step in and bring slower groups up to speed.
7. At the end of the construction process, the different teams will shoot small wooden blocks or marshmallows at each other's paper castles to simulate a miniature catapult war.