

# Build a Catapult for Kids

Supplies needed:

- 7 craft sticks
- 3 rubber bands
- a milk cap
- cotton balls {or other objects to launch}

1. Stack 5 craft sticks together, and rubber band the ends.
2. Stack 2 craft sticks together, and wrap a rubber band around the very end.
3. Separate the 2 craft sticks. Place the stack of 5 craft sticks between the 2 craft sticks.
4. Wrap a rubber band around all of the craft sticks to hold the catapult together.
5. Glue a milk cap {or something similar} on to serve as a launching platform.
6. Push down on the top craft stick and release to launch an object from the milk cap.



## Catapult Science

Now create a simple experiment using the catapult of your choice.

Try one of these experiments.

- Launch an object from the catapult multiple times and measure how far it travels each time.
- Launch different objects from the catapult and measure how far each object travels.
- Compare catapults. Build more than one catapult {the same or different design}. Launch the same object from each catapult and measure how far it travels.