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## STEM Kit Instructions

### Build a Catapult!

Thanks to the Matheson Memorial Library for the instructions!

#### You Will Need:

- 8 Popsicle Sticks [Provided by the Library]
- 3 (or more) Rubber Bands [Provided by the Library]
- Glue [You Provide] [You Provide]
- 1 Bottle Cap [Provided by the Library]

#### Instructions

Step 1: Stack 6 popsicle sticks on top of each other and wrap a rubber band around each end.

Step 2: Holding your stack of 6 popsicle sticks vertically put a popsicle stick underneath the stack horizontally and a popsicle stick on top of the stack horizontally. Wrap a rubber band around one end of the horizontal sticks together. Slide the stack of 6 so that it rests in the corner of the two horizontal popsicle sticks.

Step 3: Where the stack of 6 and the two horizontal popsicle sticks meet in the middle, wrap a rubber band or two around them so that they make an "x."

Step 4: On the top horizontal popsicle stick, glue the bottle cap to the end that doesn't have the rubber band. Let dry.

Step 5: Load your catapult with ammunition and let it fly!

