



CHOOSE YOUR RUBBER BAND WISELY

The rubber band is a critical component of the shooter. Choose a band that has a maximum stretched length about equal to the length of the stick. Avoid using very thin bands that break easily or very thick bands that are difficult to stretch. Try doubling your rubber bands for additional firepower!



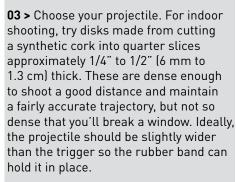
OLS + MATERIALS **UCT TAPE** AINT STIRRER PRING-TYPE CLOTHESPIN UBBER BAND MALL BINDER CLIP BOTTLE CORK OR PROJECTILE OF YOUR CHOICE) **CUTTING TOOL (OPTIONAL)**

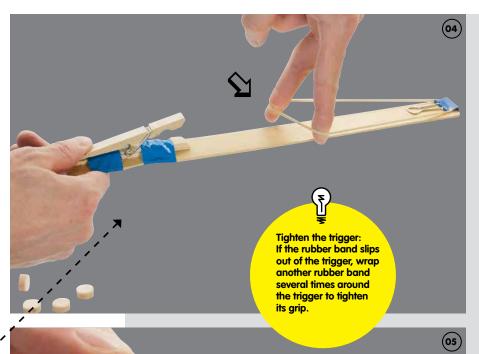
MATERIAL SUBSTITUTIONS	
PAINT STIRRER	Ruler, wood shim, craft sticks, or another flat, rigid strip of wood, plastic, or cardboard
CLOTHES PIN	Binder clip, chip clip, or anything that can clamp onto a rubber band and act as a trigger
BINDER CLIP	Masking tape or duct tape
DUCT TAPE	Hot glue, masking tape, or any glue or tape that can secure the trigger in place
PROJECTILE	Anything that is slightly wider than the trigger. Reasonably dense and aerodynamic objects, such as wooden beads, pebbles, or candy, work best.

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01 > Make the trigger. Cut a 6" (15 cm) piece of duct tape and split it lengthwise. Use the two pieces of tape to attach the clothespin to one end of the paint stirrer, making sure the pinching tip of the clothespin faces the middle of the stick. 02 > Use the binder clip to clamp the rubber band to the other end of the stick. Fold the binder clip handles down. Using a binder clip allows you to quickly swap out rubber bands with different

shooting power, or replace broken ones.





04 > You're ready to shoot! Squeeze the trigger open with one hand. Use two fingers from your other hand to stretch the rubber band into the open trigger. The rubber band should remain stretched taut when you clamp the trigger onto it.

05 > Wedge the projectile between the two sides of the rubber band directly in front of the trigger. This will prevent the projectile from falling as you prepare your shot and ensures that the projectile receives the full force of the rubber band's elastic energy.

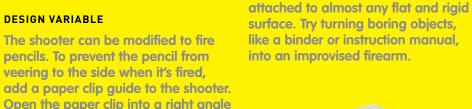
06 > Scan your surroundings for something fun to shoot at. Things that fall over, make noise, or shatter (so long as they're not of value to anyone!) are great choices. Avoid shooting point-blank at hard surfaces—your projectile might ricochet back at you.



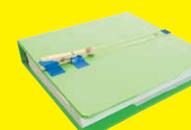


DESIGN VARIABLE

The Many-Thing Shooter can be



NOW GET TINKERING



pencils. To prevent the pencil from veering to the side when it's fired, add a paper clip guide to the shooter. Open the paper clip into a right angle with one curved end wide enough for the pencil to pass through. Attach the paper clip to the shooter with tape.

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