

CATAPULT

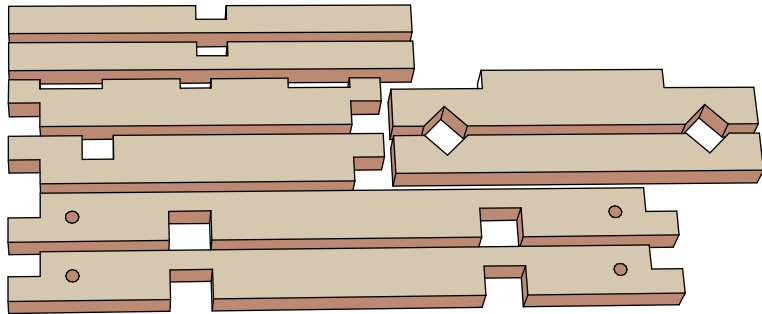
ASSEMBLY INSTRUCTIONS



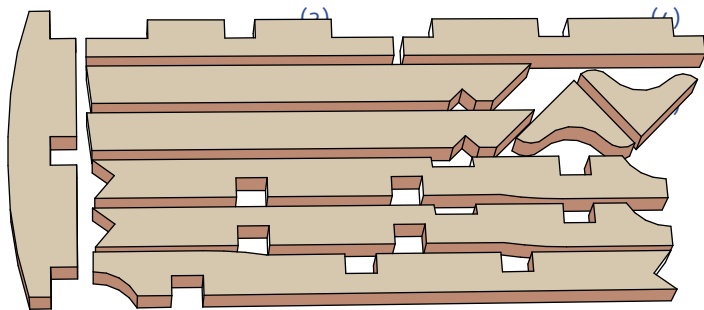
Identify all the parts supplied with your kit. Many pieces appear similar. Assembling the parts correctly is important for a well performing kit!

PARTS LIST

Base Assembly



Upright Assembly



Throwing arm, Trigger, and Wheels

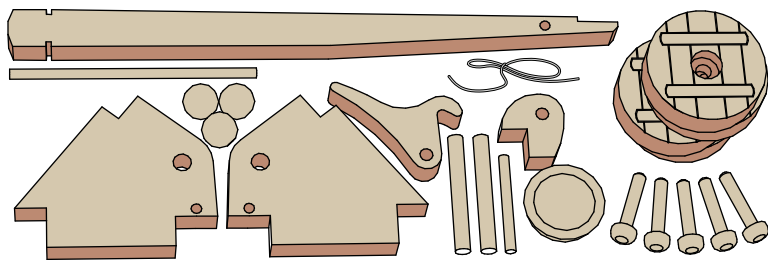
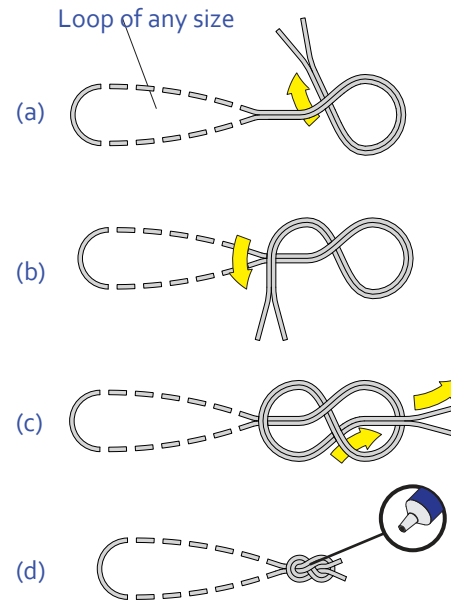


FIGURE OF EIGHT KNOT



NOTES AND TIPS

Step-by-step videos describing how to assemble this kit are available at www.abong.com.

If any pieces are missing or defective, contact us at service@abong.com. We will take care of you!

Build the base on a flat, smooth surface, using a quality wood glue.

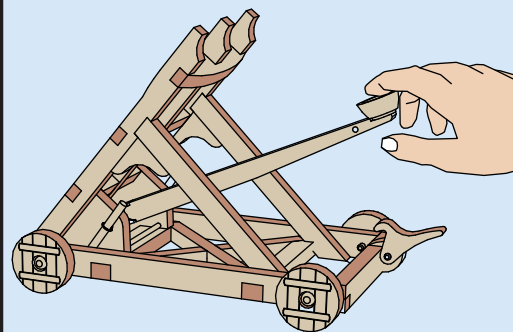
Apply glue only where indicated by dark shading

Use the corner of a sheet of paper to check that the parts are aligned at right angles.

Finally, be patient. Wait for the glue to set and dry completely between each step.

Have fun and use the finished model responsibly!

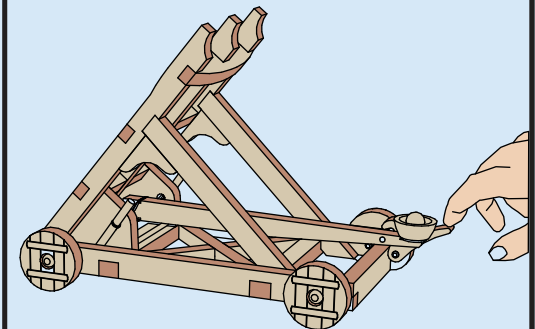
LOADING



Lower the hurling arm and latch the trigger pin, then place a hurling stone in the spoon.

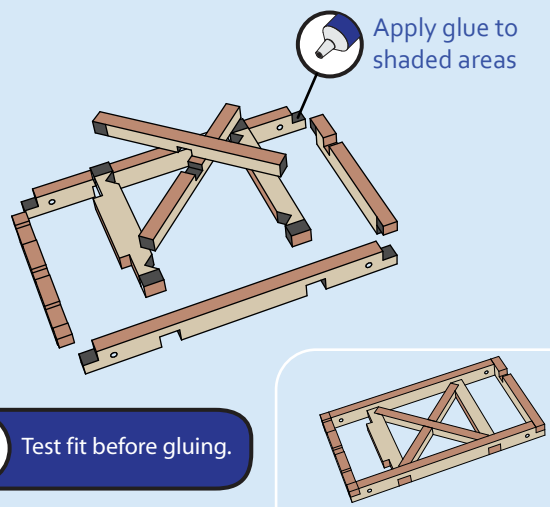
FIRING

Pull back on the trigger arm, then release. The hurling arm will snap back to the vertical position, launching the projectile.



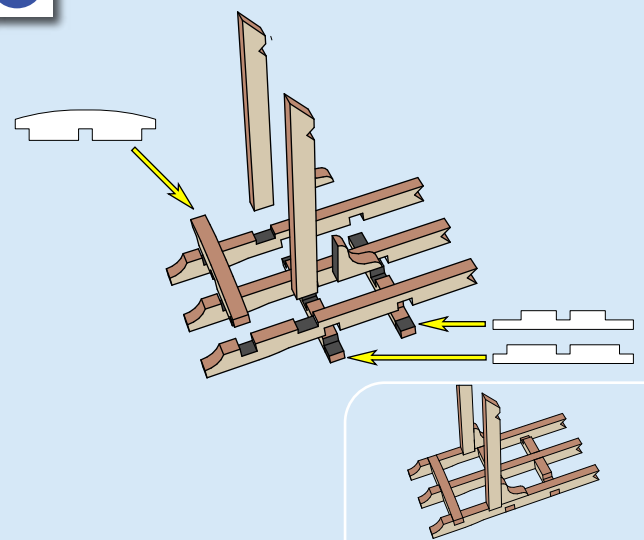
1

Assemble and glue the base and cross bracing.



2

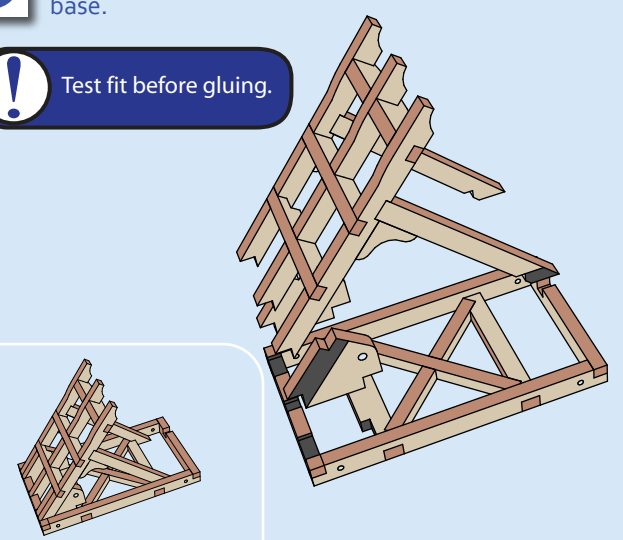
Assemble and glue the upright frame.



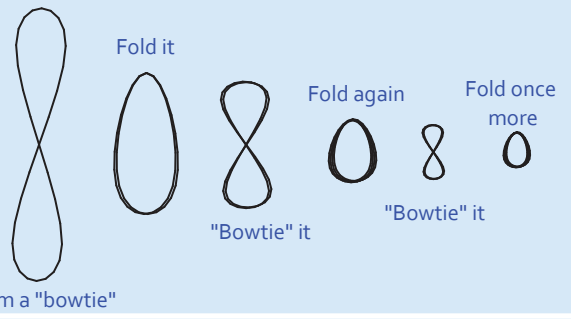
3

Glue the upright assembly and skein blocks to the base.

Test fit before gluing.



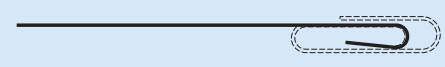
4



Use a figure-of-eight knot to form as large a loop as possible with the string. Trim the loose ends 3mm (1/8") from the knot.

Form the skein (rope bundles) by twisting and folding the tied loop as shown.

Straighten the paperclip in preparation for step 5.

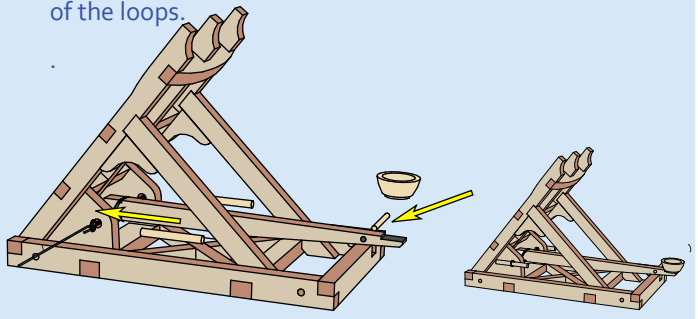


5

Glue the spoon and trigger pin to the throwing arm.

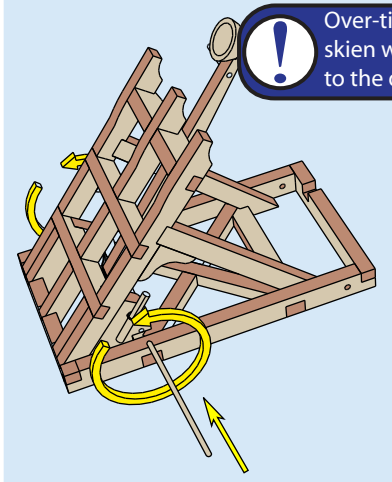
Put a torsion pin through the end of the skein, and thread the other end through the upright frame using the paperclip, inserting the throwing arm into the loop between the uprights.

Before removing the paperclip, pull it through the second skein block, and slip the second torsion pin through all of the loops.



6

Turn both torsion pins toward the front of the machine. When the desired power is achieved, slide the locking pin in place.



7

Put the axle pins through the wheels, and glue them into the base. Assemble the trigger, passing the axle pin through the block and gluing it into the trigger.

