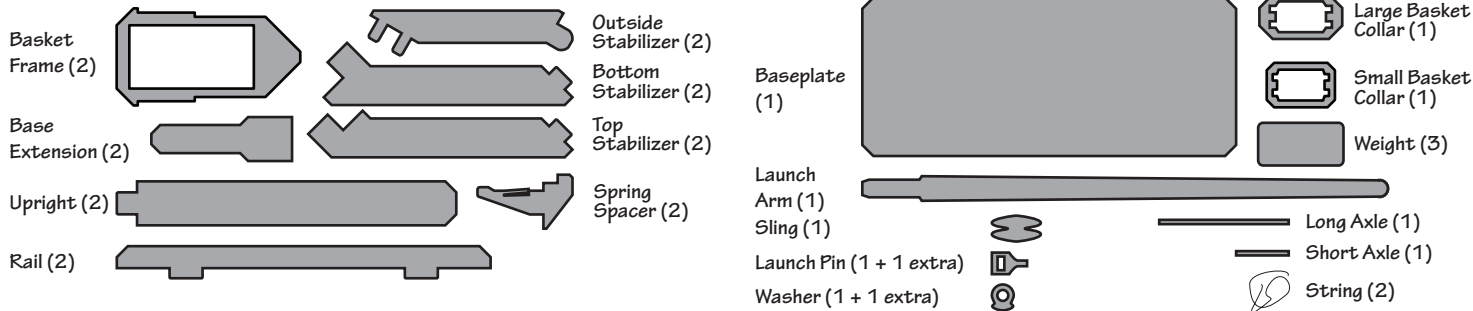
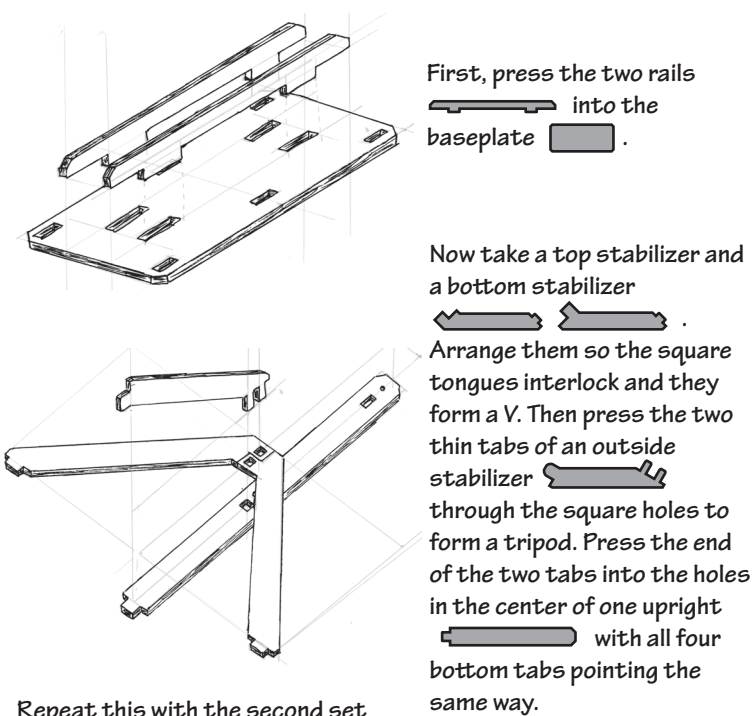


The Trebuchette

by Siege Toys



Thanks for purchasing the Trebuchette! First, keep in mind that this kit can launch objects over 30 feet. Be careful, always use soft projectiles, and never aim at another person. The kit contains small parts which may be a choking hazard, and the moving parts can pinch or crush fingers.



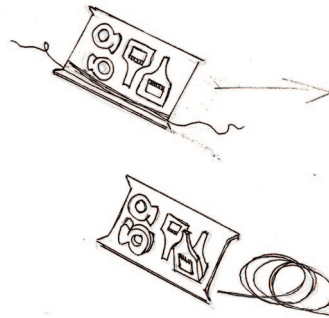
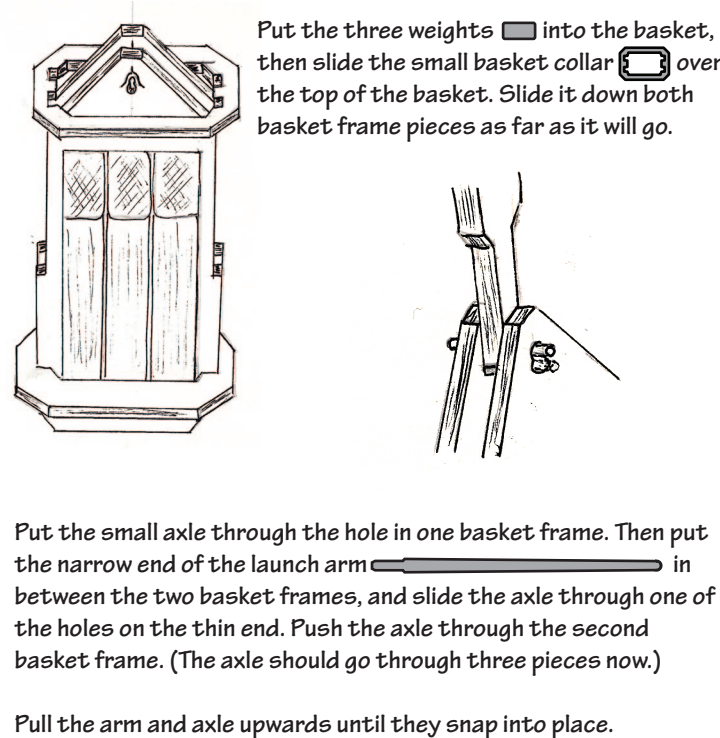
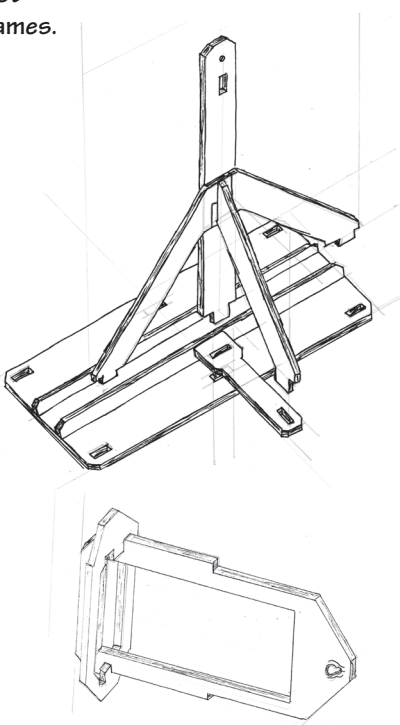
Repeat this with the second set of these pieces to build two frames.

Take one frame and press a base extension into the bottom of the frame so that the upright goes through the wide end, and the outside stabilizer goes through the narrow end.

Then press the frame into the three slots on one side of the baseplate.

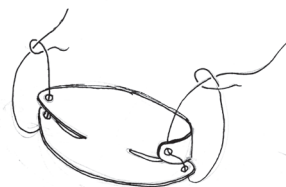
Repeat this with the other frame and base extension on the other side of the baseplate.

Take one basket frame and slide it into one pair of notches in the large basket collar . Repeat this with the other basket frame.

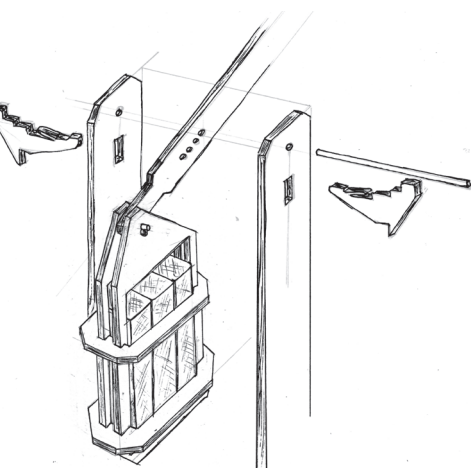


Find the plastic card in the small parts bag. Unwrap the string from the card, then peel away one of the launch pins and one of the washers . The second one of each is a spare. Put all the plastic pieces aside.

Now take the sling . Securely tie one end of one string through the two holes on one side of the sling. Leave the other end of the string free. Lay the two holes flat with one over the top of the other as shown.



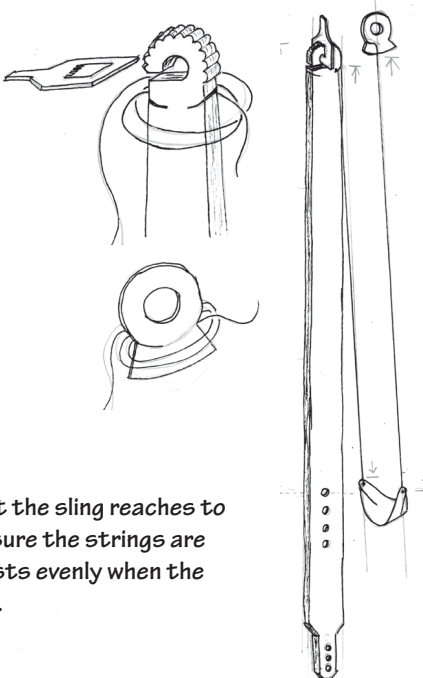
Tie the other string through the other side of the sling in the same way. Don't tie both ends of the same string!



Put the long axle through one upright, through the top hole in the the launch arm, and then through the other upright.

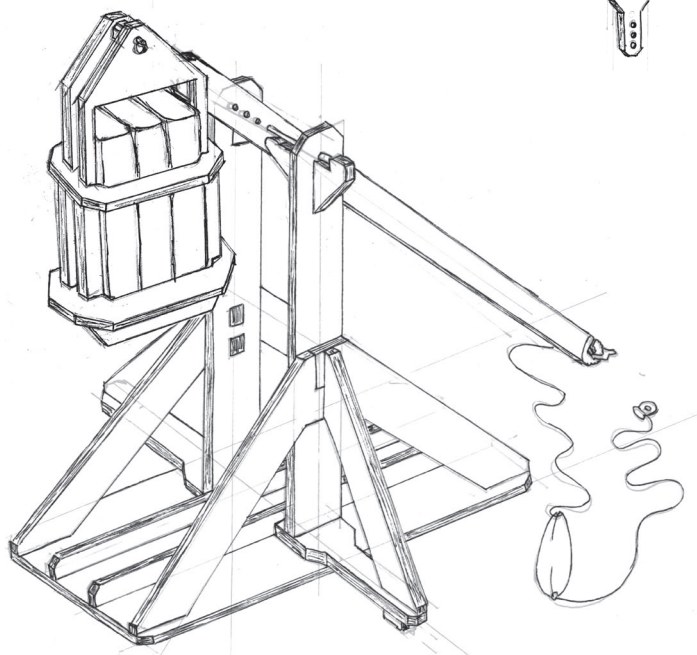
Then push a spring spacer into each of the uprights from the outside in the slot under the axle. The angled point should lay flat against the upright below the slot.

Now take the plastic pieces you put aside earlier. Push the launch pin into the round top of the arm. Twist it over the top so that it snaps over the ridges at the top of the arm.



Wrap the free end of one string through the slit on the the top of the arm several times. Wrap the other free string through the slit in the washer.

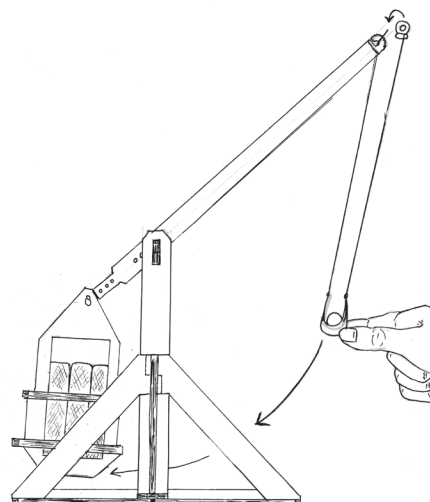
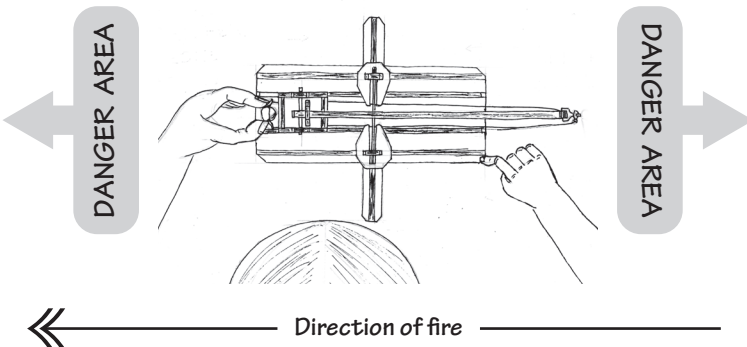
Arrange the strings so that the sling reaches to the center axle hole. Make sure the strings are equal length so the sling rests evenly when the washer is hooked on the pin.



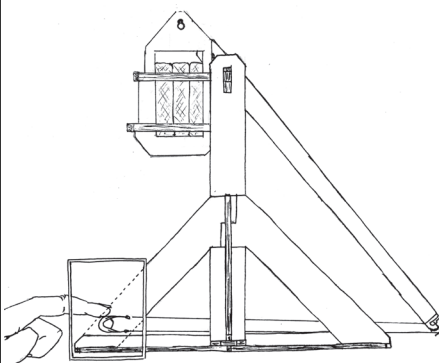
Congratulations! You've successfully built your Trebuchette!

How to fire your Trebuchette

Always stand to one side of the Trebuchette, so that you're looking at the arm from the side. Never stand in front of or behind the machine!



Put the washer on the end of the launch pin at the top of the arm. Put your payload into the sling, and pull it down and under the basket with one hand. Pull the sling through the frame and grab it with your other hand. Hold the sling and payload on the rails.



Use your first hand, the one not holding the payload, to position the base of the Trebuchette to aim it in the direction you want: it will launch the payload in the direction opposite the arm is pointing (to the left in these drawings).

For best results, hold the sling so it wraps over the top and bottom of your payload. Don't put your finger on the arm or the launch pin. When you're ready to fire, just let go of the sling!

To change the angle of the launch, click the launch pin at the top of the arm forwards or backwards. To change the distance, add or remove weight from the basket.

Also try changing the length of the strings or the axle holes in the launch arm to see what works the best!

For more help and ideas, check out
www.siegetoys.com !