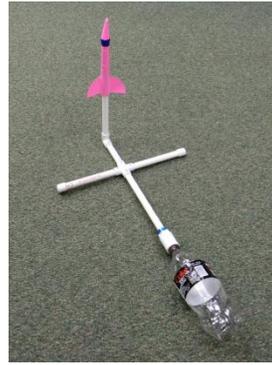
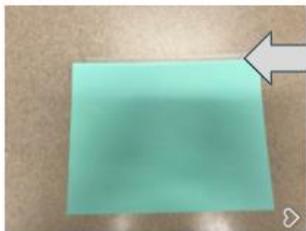


Stomp Rockets



Stomp rockets are much easier to make than you think. To make the launcher, all you need is PVC pipe and some two liter bottles (from carbonated beverages). PVC pipe can be purchased from your local home improvement store. It can be cut with a hand saw. There are many different options for the design of the launcher. If you are trying it for the first time [NASA](#) or this [Cub Scout](#) troop have great designs. As you become more comfortable with the design principles, you will find that trying different designs is half the fun. You may even find that you can design your own. Once you have the launcher, making the rocket is easy!

1. Put tape along the edge of a long side. Sticky part up, wrap paper around PVC pipe. It should be snug but still able to come off and on. Decorate if you want.



Waiting? Cut out your fins.
Use one of these shapes
or make up your own! Just
make sure they are even.



2. Take PVC pipe out of paper and put foam into one end of cone. Tape the top, **ALOT!**



3. Pick out a nose cone and cut it out. Cut off about $\frac{1}{3}$ of cone and fold to make cone. Make sure it fits snug on top of rocket and tape.

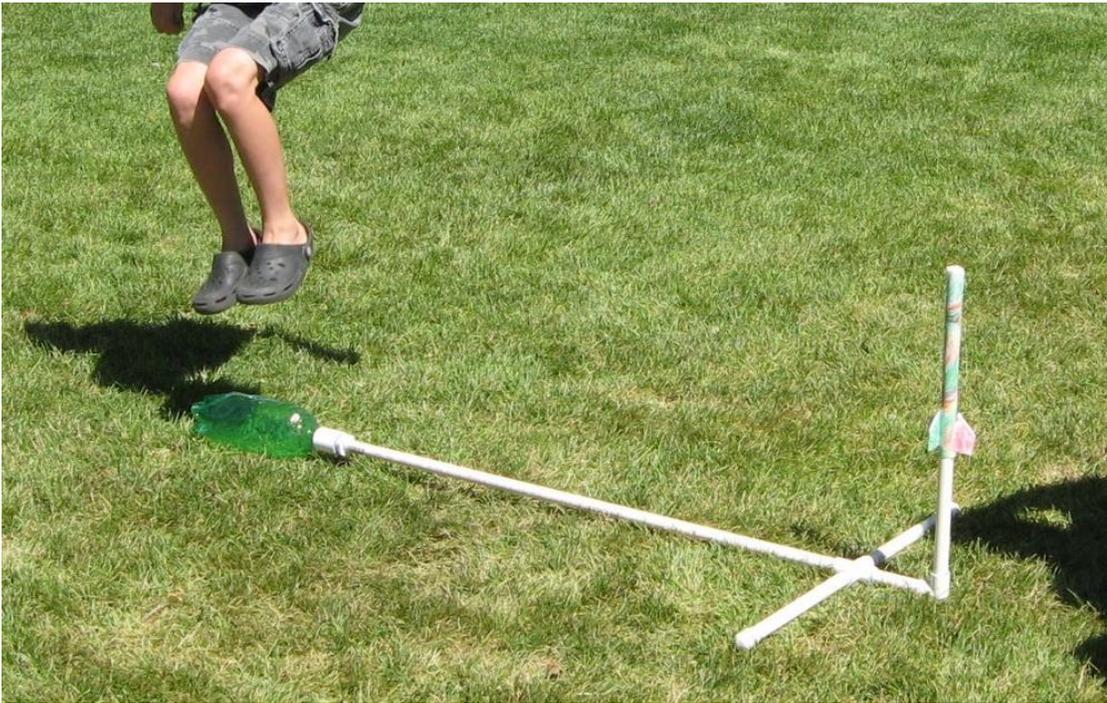


4. Have an adult hot glue your fins.



Let everything dry. Now is the fun part. Bring your rocket and launcher to an open area. Place the bottle over the PVC pipe and tape it. Put the rocket on top of the launcher and jump!





To reuse the launcher, blow into the top of the launcher to re-inflate the bottle and go again until the bottle breaks. Then, you can switch the bottles and keep on going.