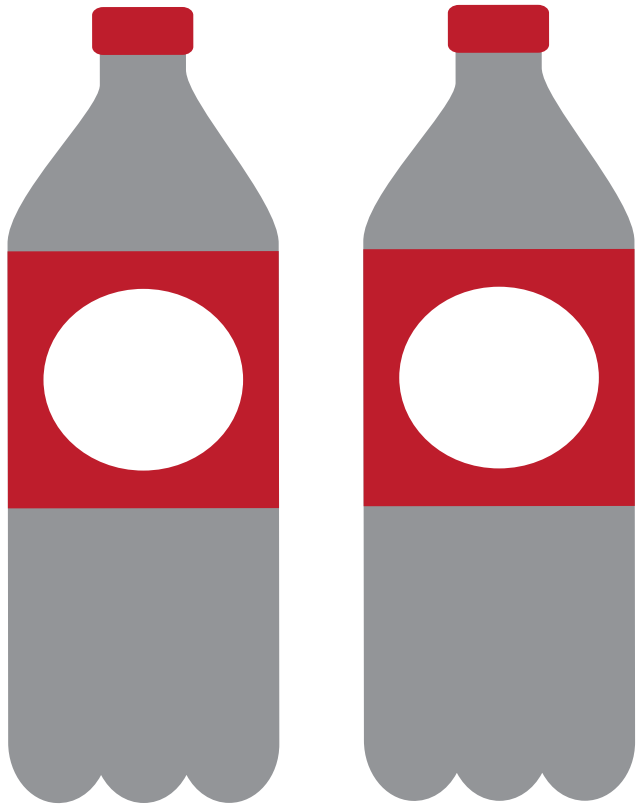
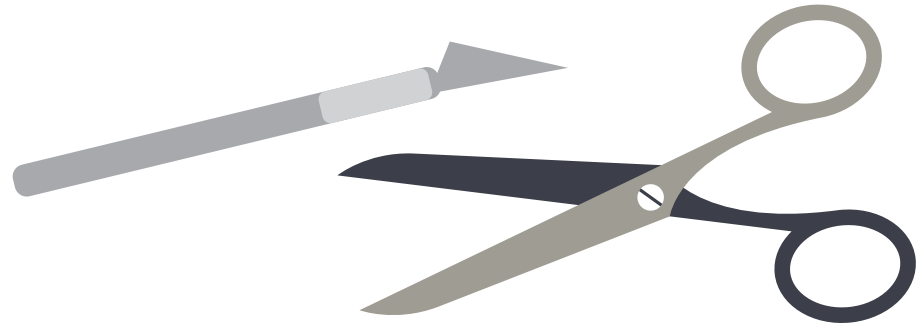


SUPPLIES



2 Soda Bottles
(2 liters)

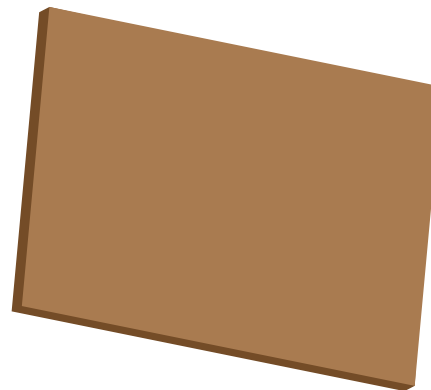
*2 liter Coca Cola products fit
the launcher best.
All others may fail.*



Matte knife or scissors



Duct tape or
strong packing
tape



Card board or
foam core board
*Corrugated plastic board
used for yard signs is also
a good choice*

STEP 1

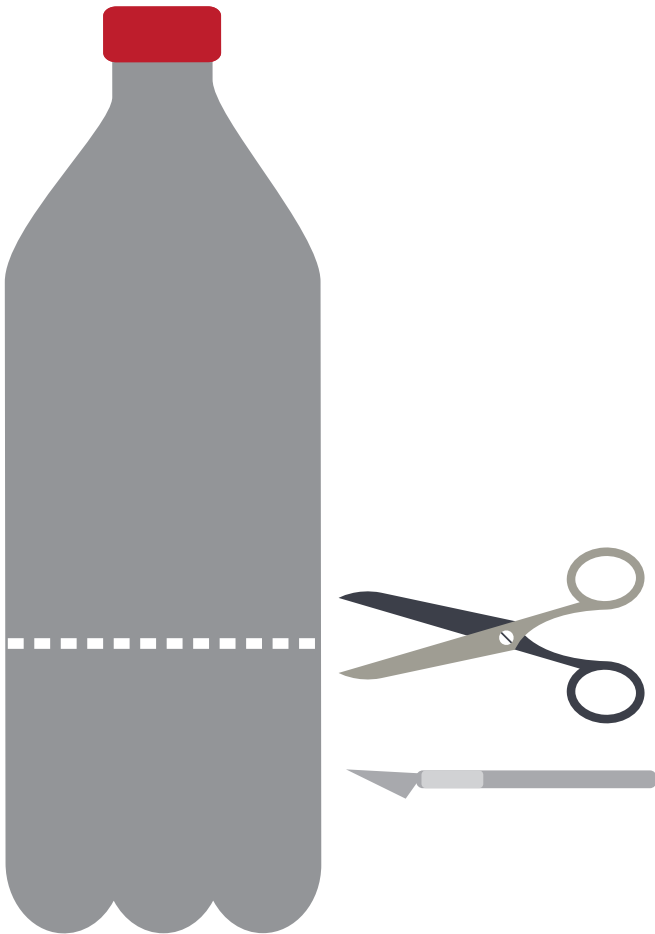
Wash bottles & peel off labels.

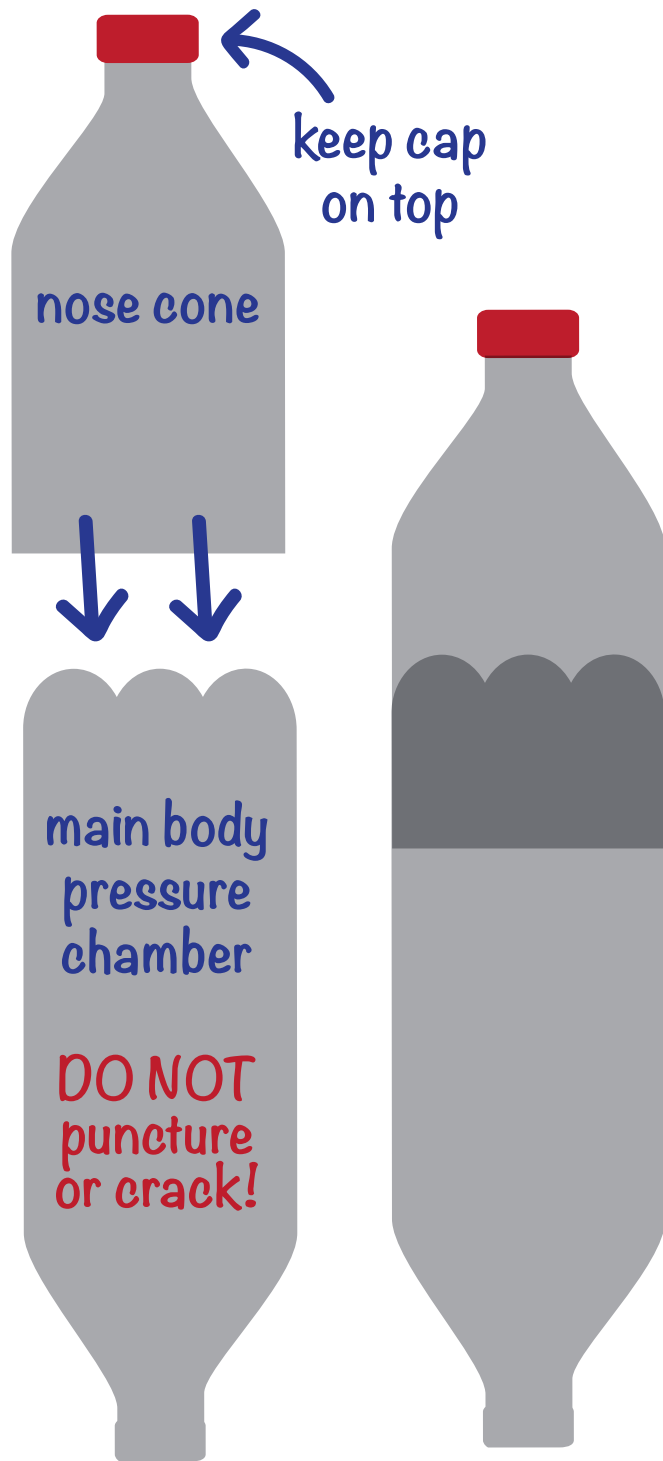
Take one bottle. Measure up from the bottom about 1/3 and cut the bottle.

PARENTS, PLEASE HELP WITH CUTTING

Keep your cut line as straight as possible.

It may help to mark a straight line around the bottle first.





STEP 2

Take the cut bottle from STEP 1 and insert it directly over the bottom of the second bottle - this is the nose cone of the rocket. Keep everything straight.

Place the nose cone on loosely at first, then gently press down until firm.

Don't press the nose cone down too hard. If you press the nose cone on too hard, you'll start to get "crinkles" in the plastic. Crinkles are bad!

STEP 3

Once the nose cone is on snug (but not so tight it crinkles) use duct tape or packing tape to cover the seam.



Try to keep tape smooth.

STEP 4

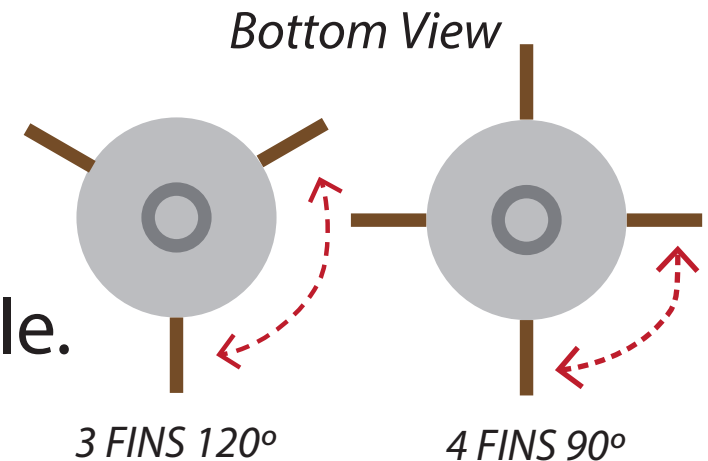
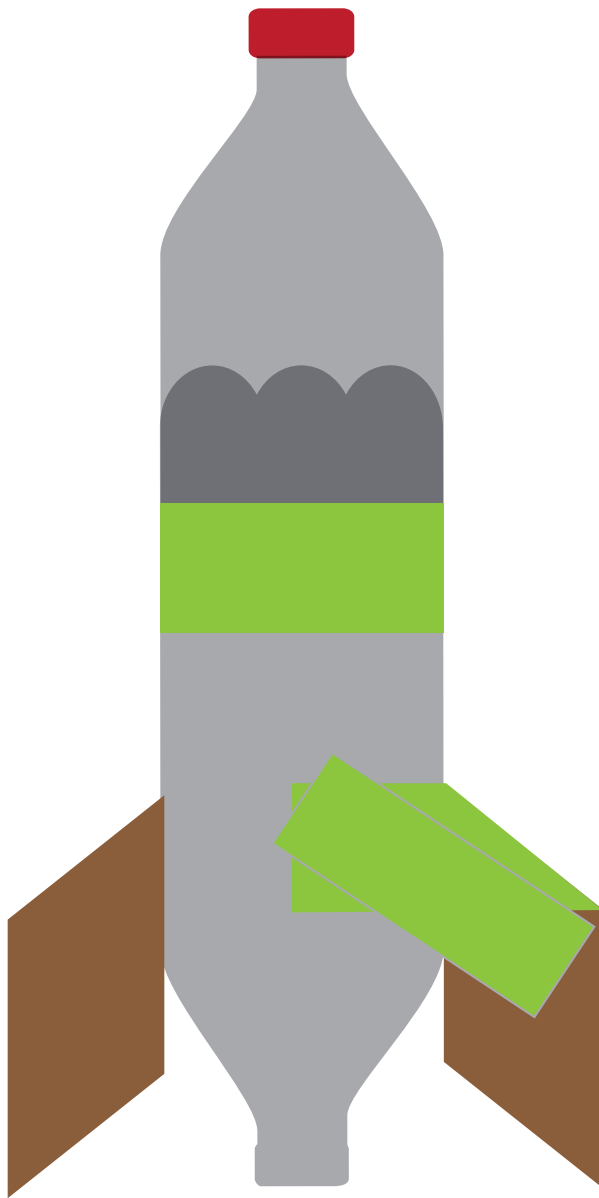
Next cut some fins to help your rocket fly straight.

PARENTS, PLEASE HELP WITH CUTTING FINS

Trace 3 or 4 matching fins on foam core or cardboard. Experiment with your own fin designs or use the stencils provided.

HINT: the corrugated plastic board used for yard signs is more durable for multiple launches

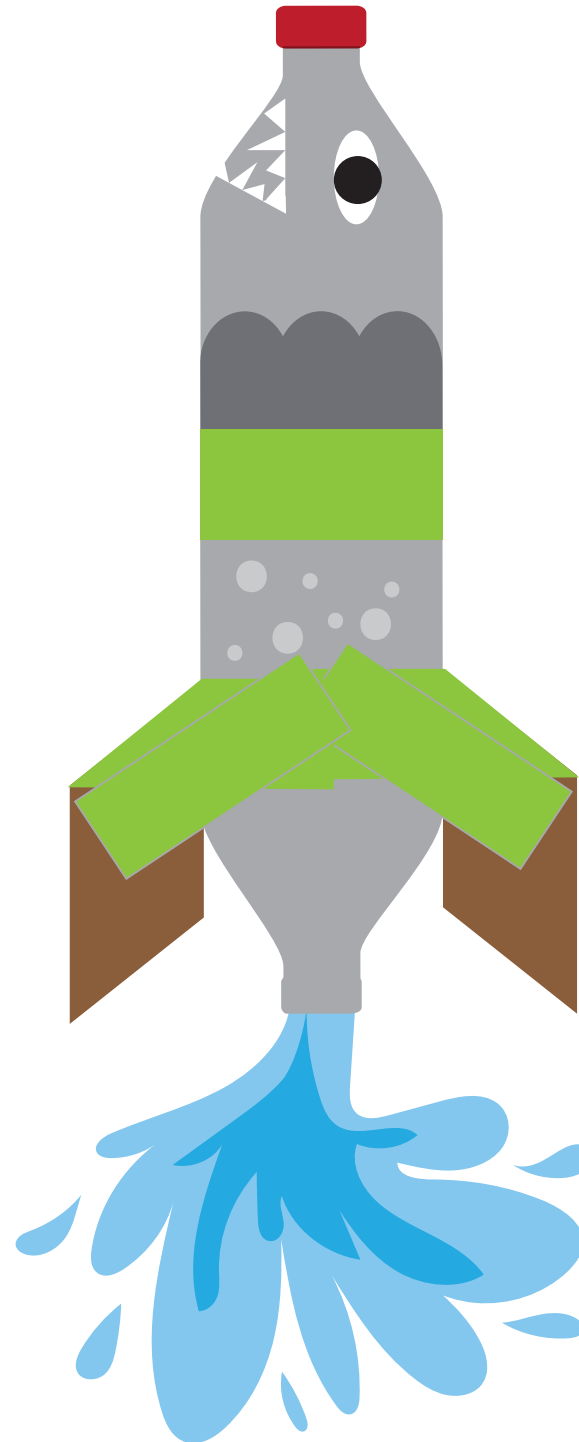
Attach your fins with duct tape equal distance around the bottle.



FINAL

Decorate any
way you want
and Bring to the
Opening Meeting

Launch your rocket!



Fin Stencils

