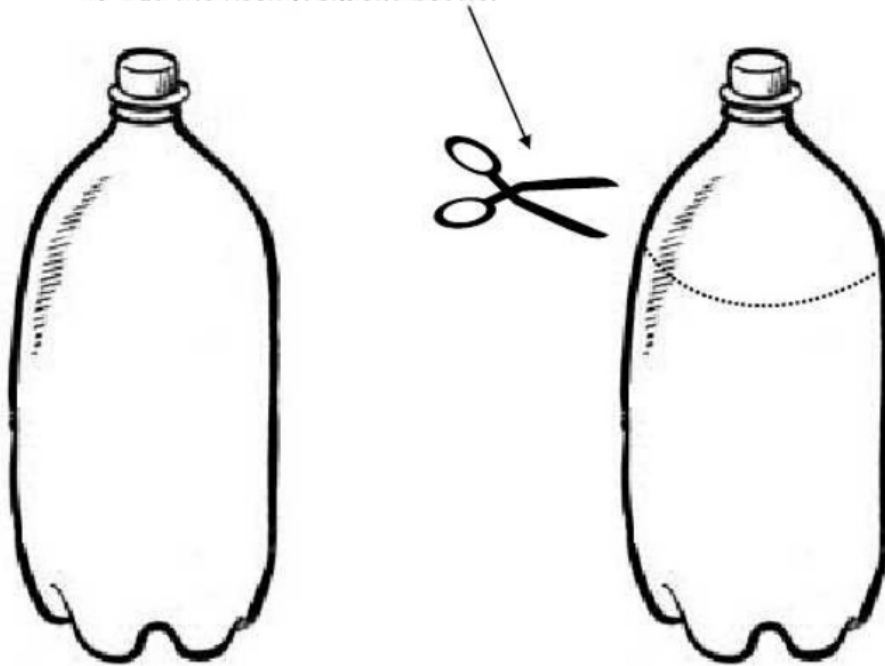


Bottle Rocket Instructions

Check out this website for construction ideas:

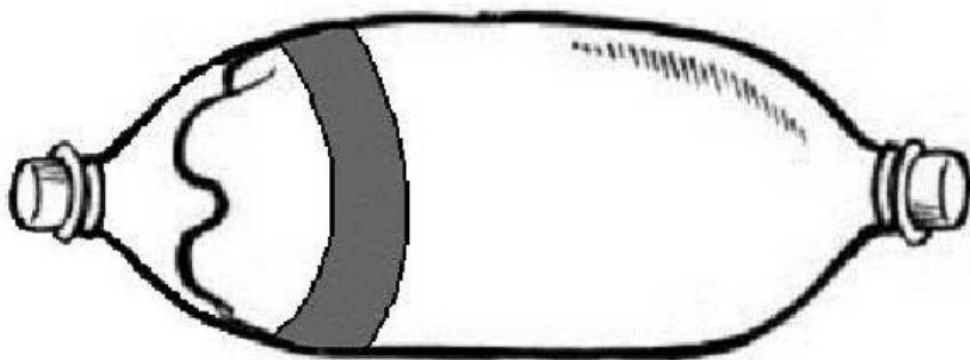
<http://www.lnhs.org/hayhurst/rockets/>

1. Start with two (2) 2-liter bottles. Coke brand bottles work the best.
2. Cut the neck from one bottle.



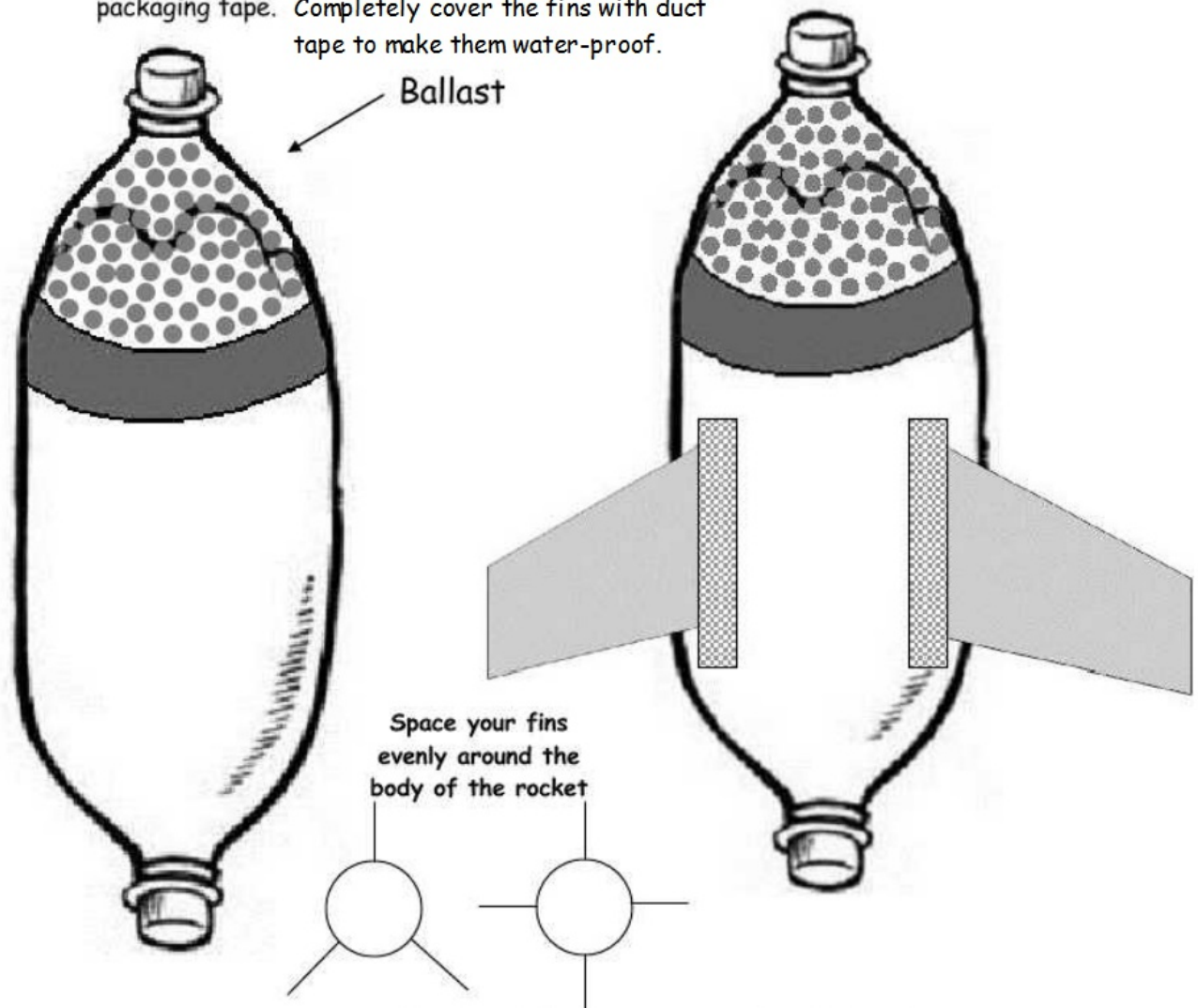
3. Place the neck on the bottom of the intact bottle. Tape the neck securely to the bottle. Use duct tape or plastic packaging tape. **DO NOT USE MASKING TAPE!**

Masking tape will get soggy and then will not stick to the rocket.



4. Add some kind of ballast into the space between the cut neck and the intact bottle. Beans or rice work the best.

5. Put fins on the bottle opposite the end that has the ballast. Use at least three fins but no more than four. Tape them to the rocket with duct or packaging tape. Completely cover the fins with duct tape to make them water-proof.



5. You may paint your rocket if you like. Spray paint or brushed-on house paint work well. Let your rocket paint dry for 2-3 days before you bring it to school. You don't want to get paint stains on your Mom and Dad's car seats.

Rocket Fin Designs

You may cut out these designs and use them the size they are currently, or make a bigger fin of the same design

