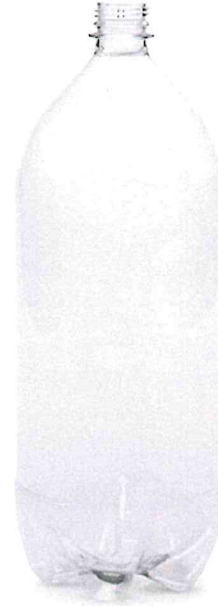


ROCKET BLASTOFF INSTRUCTIONS

Materials:

- 2 liter bottle
- 3 unsharpened pencils
- Duct tape
- Cork that fits bottle
- Paper towels
- Baking soda
- Vinegar



Step One:

Tape the three pencils around the bottle to make feet. Make sure the rocket stands up straight and upside down.

Step Two:

Make a loose packet with the paper towel and fill with baking soda.

Step Three:

Drop the paper towel packet into the bottle.

Step Four:

Pour vinegar into bottle fairly quickly.

Step Five:

Cork bottle, but not too tightly.

Step Six:

STAND BACK

The vinegar and baking soda will create a chemical reaction. As the vinegar soaks into the paper towel and dissolves the baking soda, it will create carbon dioxide gas. The gas will build up pressure in the bottle. Only so much pressure can fit into the space. Once the pressure is too much for the cork to handle, the cork will fly out and the 'rocket' will blast off!