



BOTTLE ROCKETS

ITEMS NEEDED:

- Cork
- Plastic Bottle
- Baking Soda
- Vinegar
- Small piece of toilet paper
- 3 pencils or pens
- Tape

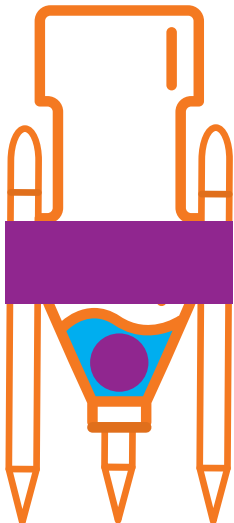
2

Pour a small amount of vinegar into the bottle



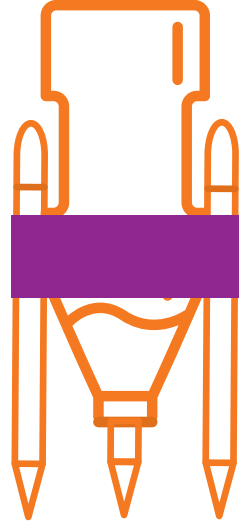
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FIND SOME SPACE OUTSIDE! Have the cork ready to place in the bottle neck. Put the baking soda ball into the bottle. Quickly place the cork in the bottle neck. Shake a few times and turn the bottle upside down onto the pens or pencils.



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Tape the 3 pencils or pens onto the plastic bottle to help it balance when it is standing upside down. Tape the pencils or pens where the bottle neck is partially off the floor.



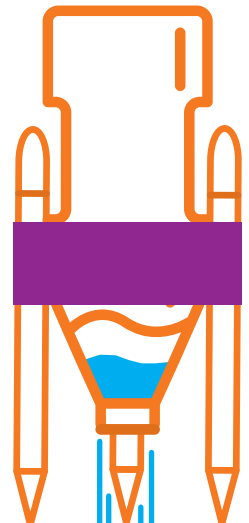
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Place small amount of baking soda in the piece of toilet paper and fold it up into a ball.



5

STEP BACK and see how high your rocket goes! Repeat again and gradually increase vinegar and baking soda to increase the height of your bottle rocket!



WHY DOES IT WORK?!

The baking soda and the vinegar react together and create a gas. The gas needs to escape so it pushes the cork out and forces the rocket into the air!

