

# BALLOON CHEMISTRY

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## MATERIALS

Balloon

Water Bottle

½-1C Vinegar

1 T Baking Soda

## DIRECTIONS

Place vinegar in the water bottle.

Pour baking soda into the balloon.

Carefully position the lip of the balloon over the water bottle.

Lift the balloon so that the baking soda mixes with the vinegar. Hold the balloon onto the bottle so it doesn't slip off.

Watch what happens!

## NOTES

Mixing baking soda with vinegar releases CO<sub>2</sub> gas. Feel the water bottle before and after mixing. What changed? Chemical reactions which consume heat are called endothermic- resulting in cooling.

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*Successful Balloon Chemistry*

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