

# SCIENCE FUN!

Miss Lila Greer has her hands full when Ada Twist has some messy fun creating colorful geysers out of soda bottles in *Ada Twist, Scientist*.

Here is a less messy soda bottle science experiment that you can do yourself to make a vinegar and baking soda balloon! Be sure to have an adult supervise.

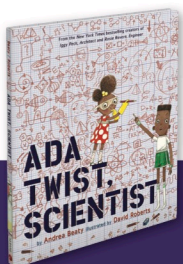
## WHAT YOU NEED

An empty two-liter soda bottle  
3/4 cup vinegar  
1 tablespoon baking soda  
Funnel  
2 balloons  
A parent, teacher, or another adult to supervise

## WHAT YOU DO

Take the cap off the empty soda bottle.  
Practice placing the balloon's mouth on top of the open bottle top (do this a few times until you feel comfortable doing it).  
Pour the 3/4 cup of vinegar into the bottle.  
Position the funnel on top of the bottle.  
Pour the tablespoon of baking soda into the funnel.  
Quickly take off the funnel and place the balloon mouth over the bottle opening. (Hopefully all that practice in step number 2 helped out).  
Make sure the balloon is centered and the mouth is pulled evenly down on the top of the bottle.  
Very gently shake the baking soda and vinegar mixture.  
What happens? The balloon should partially fill with gas.  
Remove and tie the balloon shortly after the fizzing stops.  
This isn't your average balloon—instead of blowing it up with your own breath or a fancy helium machine, you have inflated a balloon with only a soda bottle, baking soda and vinegar!

**\*ADULT SUPERVISION REQUIRED**



**ADA TWIST, SCIENTIST**  
by Andrea Beaty illustrated by David Roberts

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#AdaTwist  
REPRODUCIBLE