




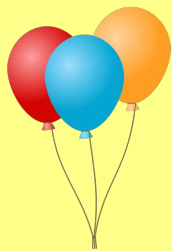


# Self Inflating Balloon

## Materials

-  Balloon
-  Funnel
-  Baking soda
-  Vinegar
-  Empty water bottle

Click the balloons to learn more about chemical changes!



Students will learn about chemical reactions and how to identify when a chemical reaction has occurred.

K - 2nd  
Grade

## Directions

1. Use your funnel to pour a tablespoon of baking soda into your balloon. Set this aside for now.
2. Thoroughly clean your funnel. Then use it to fill your empty water bottle with 1 to 2 inches of vinegar.
3. Stretch the end of your balloon over the opening of your water bottle. Be careful not to spill the baking soda into the water bottle.
4. Once the balloon is securely over the water bottle, tip the balloon upwards and allow the baking soda to fall into the vinegar.
5. Let go of the balloon and observe the reaction between the baking soda and vinegar.

## Additional Questions

1. Did your balloon begin to inflate?
2. After watching the attached video, why do you think this happened?

