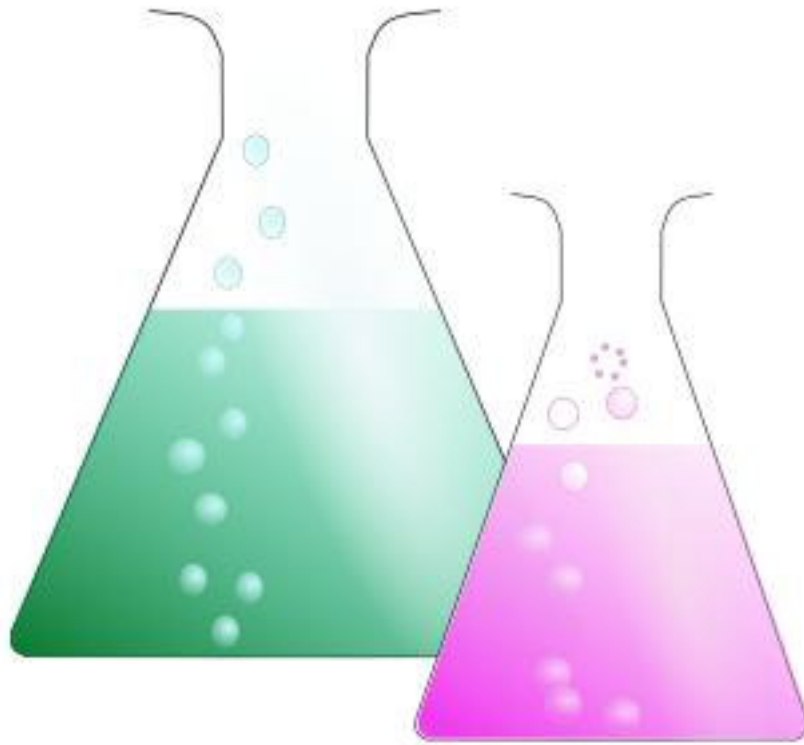


# *St Aiden's Homeschool*



*Footsteps on the Road to Learning*

*Fun Science Experiments :  
Fun with Baking Powder and Vinegar*

*Science Experiments That You Can Do In The Home*

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## Fun with Baking Powder and Vinegar - Bombs and fire extinguishers on the same page? You can do both with these two.

### Popping Cork



#### You will need:

- a small glass bottle,
- a cork that fits in the bottle,
- baking soda,
- vinegar,
- piece of paper,
- water.

1) Pour some baking soda in the bottle by folding the paper and putting the baking soda in it and then slowly slide the baking soda into the bottle.

2) Wet the cork in the water so it is wet. Pour some vinegar into the bottle, shove the cork in and stand really far from it!

3) The cork will pop out because baking soda is a chemical, called sodium bicarbonate. When it is mixed with vinegar it makes a gas called carbon dioxide, so the cork flies out!

### Bubbly Bang

What you need:

- water
- measuring cup
- zip-lock bag
- tablespoon
- baking soda
- vinegar

**Warning! Only do this experiment outside or somewhere where it doesn't matter if things get wet!**

1. Mix a tablespoon of baking soda with some water, and pour the mixture into the zip-lock bag.
2. Add a tablespoon of vinegar, close the bag, and move away.
3. If the experiment has worked, the zip-lock bag should explode.





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Donnette E Davis © 2009  
St Aiden's Homeschool, South Africa & The Child Development Spot  
P O Box 13720  
Cascades  
3202  
KwaZulu-Natal  
Republic of South Africa  
[www.staidenshomeschool.com](http://www.staidenshomeschool.com)  
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