

Spirit or Breath

Gas-up a Balloon

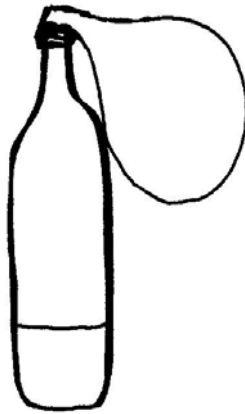
[Spirit-filled balloons!]

Materials:

- ♦ vinegar
- ♦ baking soda
- ♦ a balloon
- ♦ a spoon
- ♦ a funnel
- ♦ a bottle with a narrow neck (e.g. glass coke bottle or tomato sauce bottle)

What to do:

- ♦ Pour vinegar into bottle until it is about $\frac{1}{4}$ full.
- ♦ Insert the funnel into the neck of the balloon and fill the balloon with as much baking soda as possible.
- ♦ Keep the soda-filled part of the balloon hanging down, and stretch the neck of the balloon over the top of the bottle.
- ♦ When the balloon is on tightly, lift the balloon quickly so the baking soda falls into the bottle. Shake the balloon to get all the soda out.
- ♦ Watch with amazement as the vinegar and soda react and release carbon dioxide, which will slowly inflate the balloon.



Pentecost is often called the birthday of the church, so have a party and let the kids have fun.

Science-based activities are always fun, and balloons fit with both the party theme and the spirit/breath theme.

Look for more air/wind/spirit Pentecost activities on the KUCA News website:

- Holy Spirit Floaters
- Balloon Rockets & Hat Peg Windmills in **Pentecost Wind Science 1**
- Breeze Ball
- Holy Spirit Hovercraft
- Spin-the coin & Bubble Pictures in **Pentecost Ideas: Breath**

First published in
KUCA NEWS
Autumn 2006 page 15

This activity has been produced by **KUCA News** in the SA Synod of the Uniting Church in Australia and is available free of charge. This material may be freely used in worship and related activities in churches, schools, kids' clubs etc. provided no fee is charged and **KUCA News** is acknowledged as the source.