

## Fill The Balloon

### Material:

- Recycled Water Bottle
- 1/3 White Vinegar
- Baking Soda
- Balloon
- Funnel

**Objective:** Explorers will learn how to inflate a balloon without helium



### Lesson:

- Give each child a recycled water bottle
- Fill bottle 1/3<sup>rd</sup> of the way with white vinegar
- Set this to the side and use the funnel and balloon



- Place the funnel into the balloon
- Begin to fill the balloon up with the baking soda (*Make sure the balloon is roughly ½ way filled*)
- Carefully place the balloon on top of the bottle making sure no baking soda falls in until fully on
- Once the balloon is on, turn it completely upside down and let baking soda fall into bottle
- Have one child hold the balloon as it begins to inflate and observe the reaction
- When finished, tie balloon

*(After cleaning up, kids can try to play the game keep it up. If not, pop balloons and dispose in trash.)*

***DO NOT LEAVE THESE BALLOONS OUTSIDE.  
ANIMALS CAN INGEST THIS AND IT IS HARMFUL TO  
THEM***

