



Activity sheet 1: Carbon dioxide in exhaled air

Using different colours, show what makes up the air in these clouds.

Fresh air



Exhaled air



Carry out the following experiment:

1. Take two glass containers and fill each with 200 ml water.
2. Add 20 drops of 10% potash lye to both containers.
3. Clean the pipette in the sink or a glass with fresh tap water.
4. Add 20 drops of indicator and stir it with a straw.

What are we trying to investigate with this experiment?

5. One person in the group should breathe through a straw, using strong breaths, into one of the containers.
6. Write down what happens and why.

