

## Hands on activity 1/2

### MAKE A LUNG.

#### - Objectives.

To observe the basic structure of the respiratory system.

To understand how lungs work.

#### You will need:

- A big clear plastic bottle.
- Two balloons, a big one and a small one.
- Plasticine.
- Adhesive tape.
- The barrel of a pen.
- Scissors.

#### - Procedures.

First, make the chest with the plastic bottle.

Cut the bottom off the bottle. Cut the big balloon and stretch it over the bottom of the bottle and put some adhesive tape. The big balloon will be the diaphragm.

## Hands on activity 2/2

Next, attach the small balloon to the end of the pen barrel with the adhesive tape. This will be the lung and the windpipe.

Then, put the balloon attached to the pen barrel into the bottle, with the pen barrel out of the bottle and secure it with plasticine to the neck of the bottle.

Finally, nip the diaphragm (the big balloon), with the finger and the thumb and push it in and pull it out carefully, and the lung (the small balloon) will inflate and deflate as a real lung.

