

LUNG EXPERIMENT

Name: _____

SUPERSTARWORKSHEETS

QUESTION:

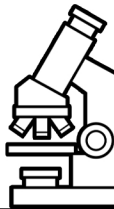
How does the diaphragm help you breathe in and out?

HYPOTHESIS:



MATERIALS:

- ☐ 1 plastic bottle (bottom removed)
- ☐ 2 balloons
- ☐ 1 rubber band
- ☐ tape



PROCEDURE:

1. Stretch one balloon over the neck of the bottle to make the "lung."
2. Cut the second balloon in half and stretch it tightly over the open bottom of the bottle to make the "diaphragm." Secure with a rubber band.
3. Gently pull down on the diaphragm balloon and observe what happens to the lung balloon.
4. Push the diaphragm balloon back up and observe again.
5. Record what you observed in the box below.

FINAL OBSERVATIONS:

Record what happened when the diaphragm moved down, and when it moved back up.

CONCLUSION: