

# Breathing Balloons

## Procedure

1. Stretch the neck of the small balloon around the top of the bottle, so that the balloon hangs down inside. Secure the balloon with a rubber band. This balloon represents a lung.
2. Cut off the top of the large balloon and stretch it across the bottom of the bottle, also securing it with a rubber band. This balloon represents the diaphragm.
3. Before you do the next step, make a prediction. What do you think will happen to the lung if you pull down on the diaphragm?

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## Observations

4. What happens to the lung when you pull down on the diaphragm?

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5. What happens to the lung when you let go of the diaphragm?

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## Conclusion

6. How is your model like an actual respiratory system?

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