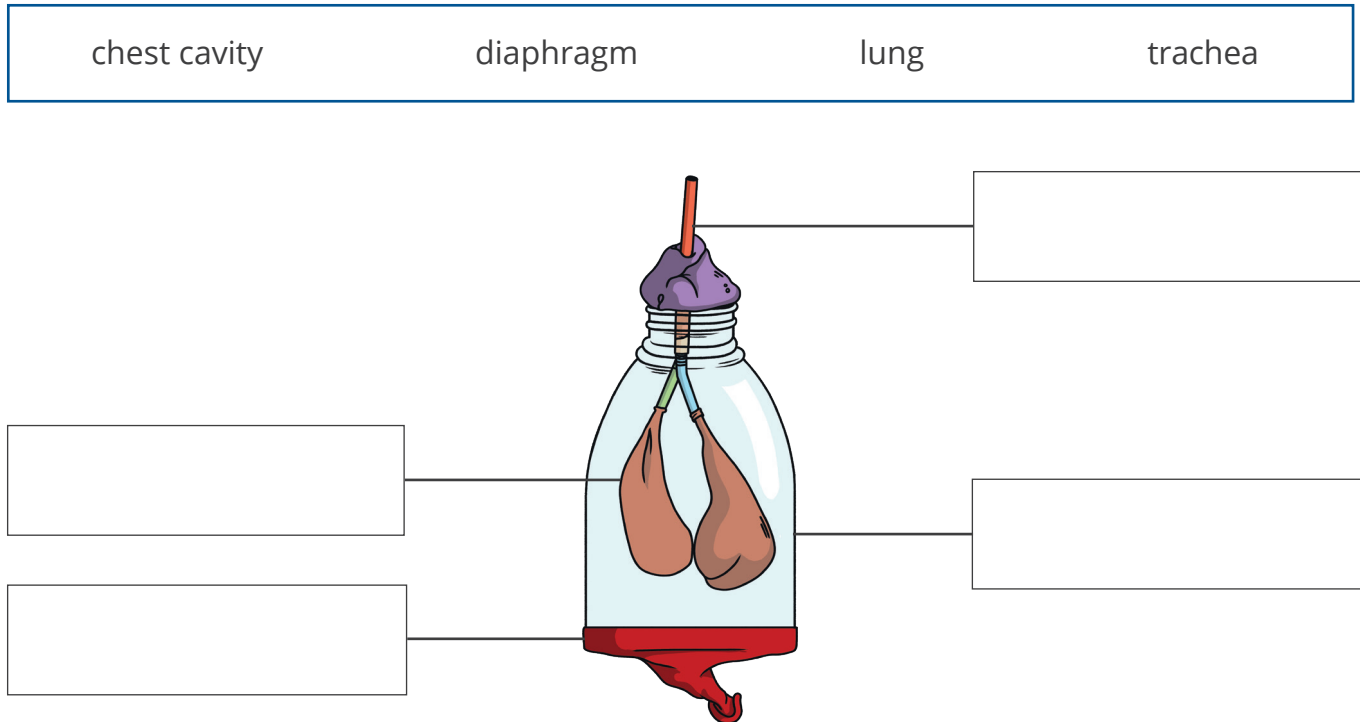


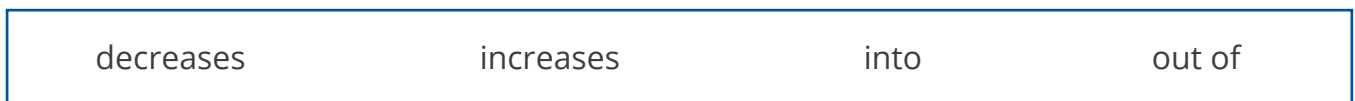
# Modelling the Mechanism of Breathing

1. Label the parts of the human gas exchange system represented by each part of the model below. Choose the answers from the box.



2. Pull down on the part of the model representing the diaphragm. This represents the diaphragm contracting. Then, push up on the part of the model representing the diaphragm. This represents the diaphragm relaxing.

Use your observations to complete the sentences below. Choose the answers from the box. Some words will be used more than once.



When the diaphragm contracts, the volume of the chest cavity \_\_\_\_\_.

This \_\_\_\_\_ the pressure inside the chest cavity, causing air to move \_\_\_\_\_ the lungs.

When the diaphragm relaxes, the volume of the chest cavity \_\_\_\_\_.

This \_\_\_\_\_ the pressure inside the chest cavity, causing air to move \_\_\_\_\_ the lungs.

3. Identify **one** feature of your model that worked well and **one** thing that could be improved.

One thing that went well: \_\_\_\_\_

\_\_\_\_\_

One thing that could be improved: \_\_\_\_\_

\_\_\_\_\_