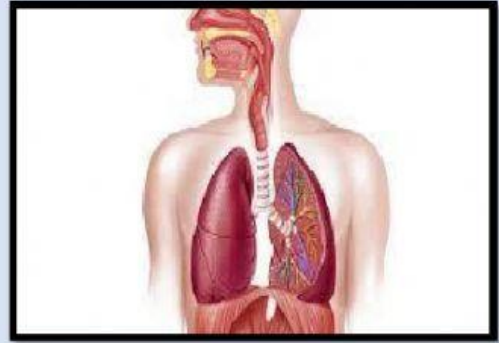


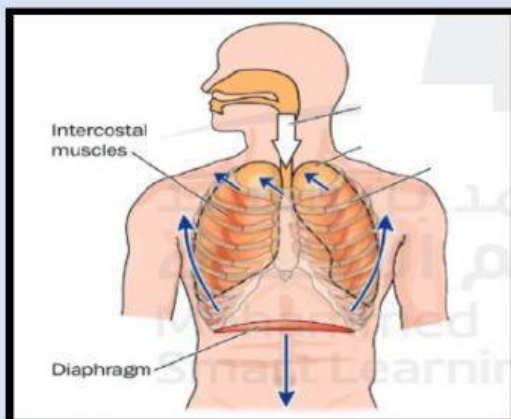
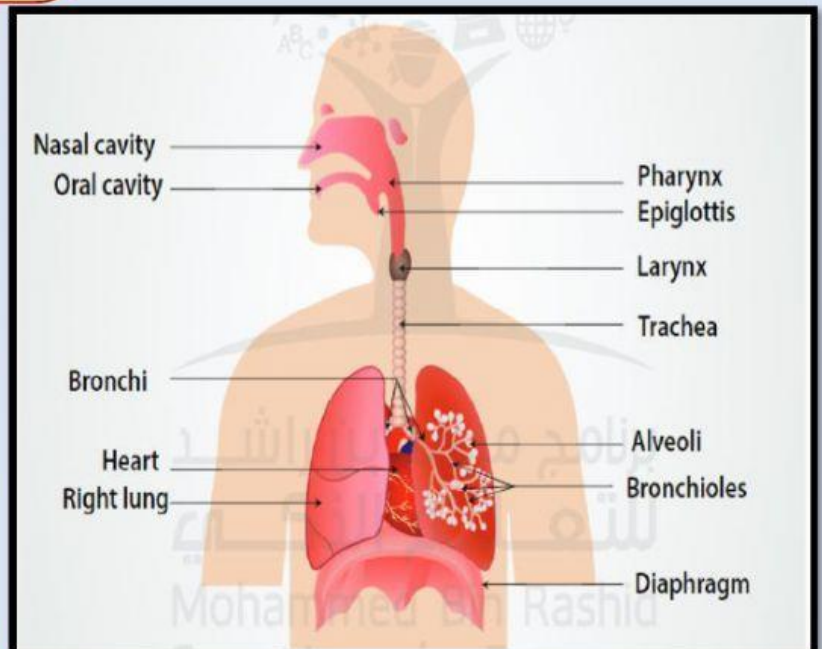
## The respiratory system

The respiratory system is what allows people to ---  
-----,  
main function is to supply ----- to every part of  
the body.



First → anatomy (structure)

- 1----- and ----- This is where air enters the body.
- 2- ----- is a passage for air going to the lungs from the nose and mouth.
- 3- Air passes through the ----- during exhalation, it allows people to talk.
- 4- ----- is also known as the windpipe, it is a long tube that pass air to the lungs.
- 5- the ----- are two main airway branches that go into each lung.
- 6- ----- have many smaller branches inside the lungs
- 7- ----- are small sacs in the lungs.



The respiration muscles are:

The ----- that moves up and down to increase and decrease the chest cavity size.

The ----- that are found between the ribs.

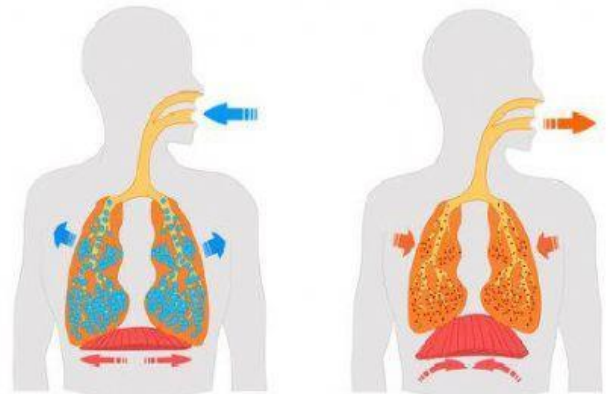
## Second → Physiology (function)

Breathing is when air is pulled into the body -----  
then pushed out again -----.

The lungs ----- during inhalation as they fill with  
air, this means the lungs get -----.

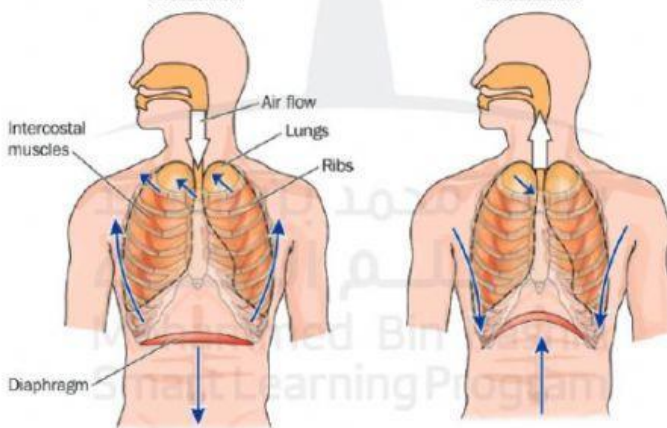
The lungs ----- during exhalation as air get out,  
this means the lungs get ----- again.

### BREATHING



#### Inhalation

#### Exhalation



During inhalation:

Intercostal muscles -----, The ribs move -----

The diaphragm moves -----

The pressure in the chest cavity ----- and the  
lungs -----

During exhalation:

Intercostal muscles -----, The ribs move -----

The diaphragm moves -----

The pressure in the chest cavity ----- and the  
lungs -----

Gas exchange happens in the -----.

During gas exchange the alveoli collect -----  
and pass it to the blood. And collect -----  
from the blood and pass so we can breathe it  
out

### Alveoli gas exchange

