

THE RESPIRATORY SYSTEM

BEFORE YOU READ.

Look up these words in a dictionary. Write the Spanish translation.

Lung:

take place:

Chest:

like:

Air:

sac:

Blood:

READ THE TEXT BELOW AND ANSWER THESE QUESTIONS:

1. Why does they body need oxygen?

2. What is the job of the lungs?

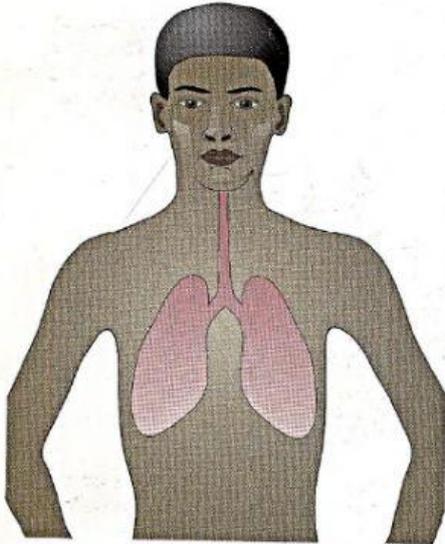
3. Explain what “gas exchange” means.

4. Describe what a lung looks like.

Objectives

This spread should help you to

- describe how the air you breathe in is different from the air you breathe out
- describe the structure of the lungs
- describe how gases are exchanged in the alveoli



Exchanging gases

The body needs oxygen for respiration. Carbon dioxide is a waste gas produced in respiration.

This is how the air changes when you breathe in and out.

Gas	Amount in the air breathed in	Amount in the air breathed out
oxygen	21%	17%
carbon dioxide	0.04%	4%
nitrogen	79%	79%
water vapour	varies	saturated

It is the job of the lungs to get oxygen in and carbon dioxide out of the body. This **gas exchange** takes place in the lungs.

The lungs are in the chest cavity. This area is called the **thorax**. The lungs are like two pink sponges because they contain lots of air sacs and blood.

