

The Respiratory System

The Respiratory system is the system of organs in living organisms, such as humans, that takes up and carries oxygen and discharges carbon dioxide in order to create energy for the body. This is carried out by four processes:



1. Pulmonary Ventilation- the process of moving air in and out of the lungs- commonly referred to as breathing
2. Pulmonary Diffusion- the movement of oxygen from the Alveoli (located in the lungs holding the oxygen) to blood
3. Transport of gasses via blood
4. Capillary diffusion- the process of oxygen moving from the blood into our tissues for energy and carbon dioxide moving from our tissue into the blood (ready to be expelled)

Below is a diagram of the Respiratory System- can you label it using these key words?:

Oesophagus	Bronchioles	Outline of rib bones	Frontal sinus
Trachea	Nasal cavity	Internal nares	Nasal conchae
Outline of clavicle bone	Nose	Tongue	Pharynx
Larynx	Sphenoidal sinus	Diaphragm	Bronchus

