

## Ch. 5 Respiration

Respiration - release of energy in cells.

Aerobic Respiration - release of energy in cells with  $O_2$ .

Anerobic Respiration - release of energy in cells without  $O_2$ .

Test for  $CO_2$  -  $CO_2$  turns limewater milky.

Test for  $H_2O$  -  $H_2O$  turns blue cobalt chloride paper pink.

Gaseous Exchange - when we breathe  $O_2$  goes into the blood and  $CO_2$  and  $H_2O$  are excreted (this happens in the alveoli)

## Ch. 6 The Circulatory System

Components of Blood and their functions?

- ① Plasma - liquid that transports chemicals, heat and blood cells.
- ② Red Blood cells - Contains haemoglobin to transport  $O_2$ .
- ③ White Blood cells - fight infection.
- ④ Platelets - clot blood