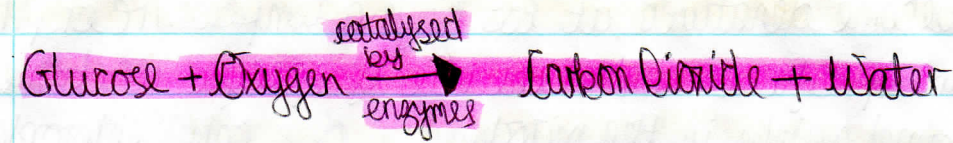


Aerobic respiration takes place using oxygen.
This: releases energy through the breakdown of glucose molecules
mostly takes place inside mitochondria.
is enzyme-controlled



Bile is produced in your liver. It is stored in your gall bladder before being released into your small intestine.

- it neutralises the acid from the stomach to make conditions right for the enzymes in the small intestines to work.
- It emulsifies (breaks down) fats. This gives a much bigger surface area of fat for the lipase to work on.

Enzyme use

Home: protease to break down blood and food stains.

lipase to break down oil and grease stains.

Industry: protease to pre-digest protein in baby foods

amylase ~~carbohydrase~~ to convert starch into sugar syrup.

~~amylase~~ isomerase to convert glucos syrup into fructose syrup