

**Instructions:**

Cut around the outside of each "page" of the booklet. Put them in the correct order and staple on the right hand side.

Staple here

# Respiration

Staple here

Energy				
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What do our cells need energy for?


Aerobic  
Respiration

Definition:

Word Equation:

Balanced Chemical Equation:

Mitochondria

Diagram:

Function:

Anaerobic  
Respiration in Yeast

Definition:

Word Equation:

Balanced Chemical Equation:

Also known as:

Anaerobic  
respiration in  
humans

When does this happen?

Equation:

# Comparing Aerobic & Anaerobic Respiration

Aerobic	Anaerobic

Cut out the boxes and match them to either Aerobic or Anaerobic Respiration.

Carbon dioxide is produced by yeast & plants. Not produced by animals.	No alcohol or lactic acid is produced.
Large amount of energy released.	Takes place in the absence of oxygen.
Takes place in the presence of oxygen.	Carbon dioxide is produced.
Alcohol or Lactic acid is produced.	Small amount of energy released.