

AS91156

Demonstrate understanding of life processes at the cellular level

Respiration activity

- Use your notes on respiration to do the following. In groups rearrange the cards so that they produce a flow chart showing how and where respiration takes place.
- Check your answers on the answer sheet.
- Using your card flow chart describe the process of respiration. Hint: describe what happens at each arrow using words such as converted, changed, and broken down.
- Explain why respiration is important to keep living things alive.

FOOD

GLUCOSE

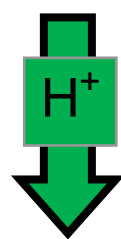
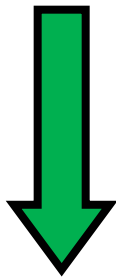
MATRIX

CRISTAE

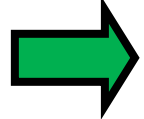
PYRUVATE

GLYCOLYSIS

KREB'S
CYCLE



RESPIRATORY
CHAIN



ADP

ATP



CO₂



CO₂

ADP

ATP



O₂



H₂O

ADP

ATP



MITOCHONDRIA

CYTOPLASM

