

Combined Science - Biology - Key Stage 4

Anaerobic Respiration

Miss Strmec



Independent Practice

Exam Style Question

Describe the process of respiration which takes place in humans when oxygen is **not** available.

(3 marks)

Hints!

_____ respiration is used when no oxygen is available.

Glucose is broken down to....

_____ is formed which causes....



Investigating anaerobic respiration

- Muscles in your hand demonstrate fatigue
- How many times can you squeeze the peg in one minute.

Trial number	Squeezes per minute



Independent Practice

Exam Style Question

Compare aerobic respiration in plants with anaerobic respiration in yeast cells.

Hints!

Glucose + Oxygen → Carbon dioxide + water (+energy)

Glucose → Ethanol + Carbon dioxide (+energy)

