

BIOENERGETICS

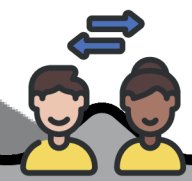


PRE ASSESSMENT



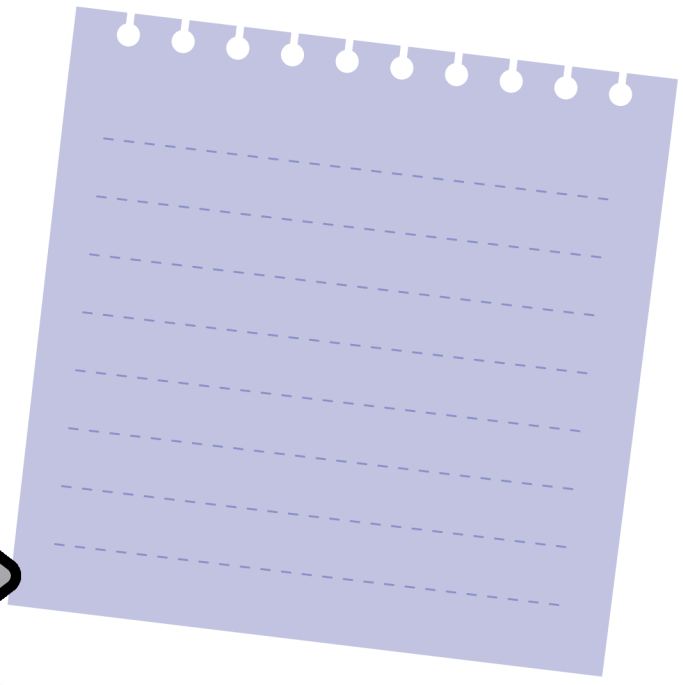
PRIOR LEARNING

Consolidate prior learning



PEER ASSESSMENT

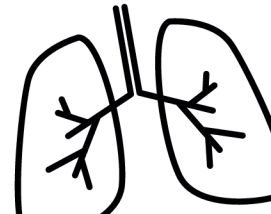
How well can I explain what respiration is and why it is important?



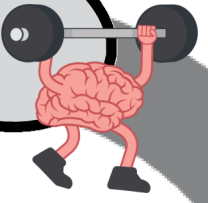
Aerobic Respiration

Gas Exchange in the Lungs

The Circulatory System



KNOWLEDGE ASSESSMENT 2



END OF TOPIC ASSESSMENT



SELF ASSESSMENT

How well can I explain how oxygen reaches respiring cells?

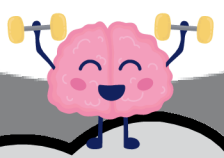
LATER LEARNING



The Effect of Exercise

Anaerobic Respiration

KNOWLEDGE ASSESSMENT 1



Key Stage 4 Biology

- Cell Biology
- Bioenergetics
- Plant Organisation

TEACHER ASSESSMENT

How well can I explain how the different parts of the plant work together for photosynthesis?



Designing a greenhouse

Plant structure and adaptations for photosynthesis

Photosynthesis



Working scientifically

- WS 3.1 Presenting observations and other data using appropriate methods.
- WS 1.4 Use data to relate limiting factors to the cost effectiveness of adding heat, light or carbon dioxide to greenhouses.

Key Stage 2 Science

- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant
- Investigate the way in which water is transported within plants

