

Science - Year 9 Bioenergetics

Pre-assessment
How do I know that something is 'alive'?

Life processes

Reactants and products of aerobic respiration

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

Date _____

Date _____

Transpiration

Factors affecting the rate of photosynthesis

Application and skills exam

Date:

Application: /

Skills: /

Date _____

Gas exchange in the lungs

The circulatory system

Knowledge assessment 1

Date:

Score: /

Teacher assessment

How well can I explain how organs of a plant are adapted for photosynthesis?

Knowledge assessment 2

Date:

Score: /

Functions and adaptations of plant structures for photosynthesis

Reactants and products of photosynthesis

Self assessment

How well can I explain how oxygen is transferred around the body?

The effect of exercise, and anaerobic respiration.