



Curriculum Overview for Biology







- Aerobic and anaerobic respiration
- Impact of exercise on respiration
- Metabolism

Disciplinary Knowledge:

- Describing chemical reactions
- Writing word and symbol equations
- Balancing symbol equations
- Graph analysis
- Calculating rates of reaction
- Higher tier: calculating rates using a tangent on a graph
- Required practical: investigating rates of photosynthesis

Reaction Rate Limiting factor Variable Accurate Trend Insoluble Glucose Respiration Aerobic Anaerobic Lactic acid Muscle Fatigue Oxygen debt Metabolism Enzyme Energy