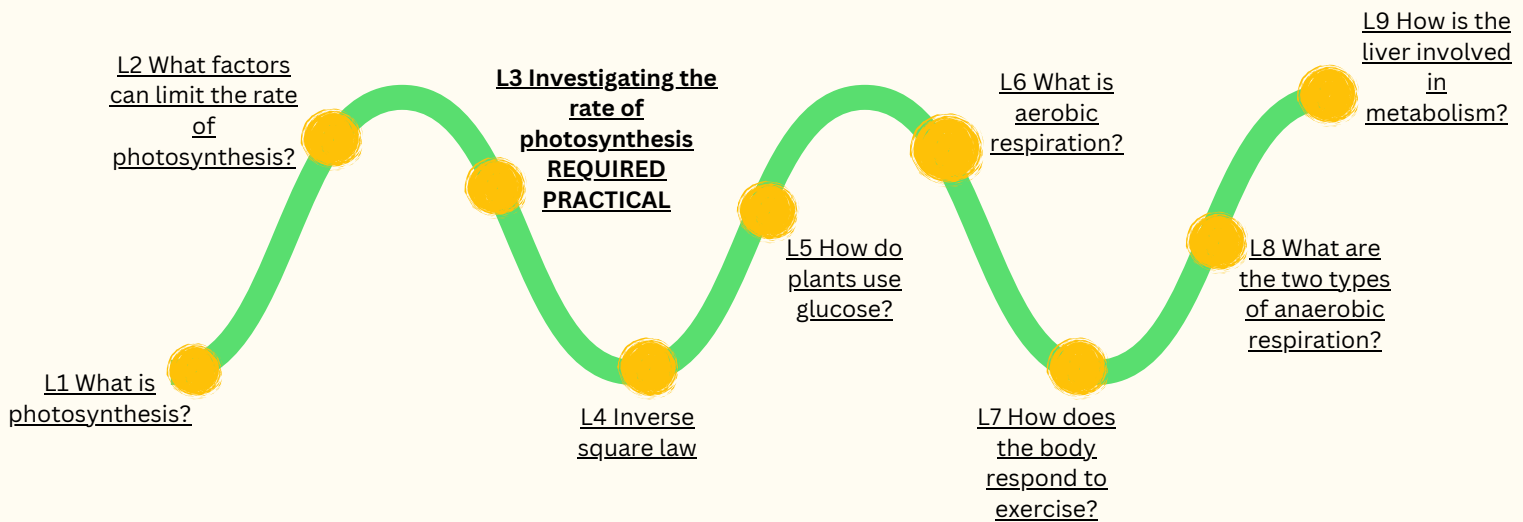


B4 Bioenergetics

Biology Paper 1

In Bioenergetics, you will study how organisms obtain and use energy, focusing on photosynthesis and respiration. You will learn about the factors affecting photosynthesis, and how plants use glucose. Aerobic and anaerobic respiration will be compared, including their roles in exercise and metabolism.



Key words

- Endothermic reaction
- Glucose
- Limiting factors
- Photosynthesis
- Aerobic respiration
- Anaerobic respiration
- Exothermic reaction
- Glycogen
- Lactic acid
- Oxygen debt
- Metabolism

Revision Resources

[Sample exam style questions](#)

[Cognito Topic 4 Bioenergetics changes](#)

[BBC Bioenergetics](#)

[Free Science Lessons](#)

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[Rate of Photosynthesis Required Practical](#)