

Foundation Separate version — Higher Tier (★) questions removed.

**Q1. Explain why approximately only 10% of energy transfers from one trophic level to the next.**

**[3 marks]**

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**Total: 3 marks**

## Q1 (3 marks)

*Explain why approximately only 10% of energy transfers from one trophic level to the next.*

- Energy lost through respiration (heat) [1]
- Energy used for movement [1]
- Energy lost in undigested waste (faeces) [1]