

Standard Grade Biology
Investigating Cells

5. Investigating Aerobic respiration.

Checklist Grade

At the end of this topic you should know:

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|---|----------------------------------|
| (a) three reasons why cells need energy and give an example of an energy transformation in a plant or animal. | <input type="checkbox"/> General |
| (b) that fats and oils contain more chemical energy per gram than carbohydrates or protein. | <input type="checkbox"/> General |
| (c) that cells need oxygen to release energy from food during aerobic respiration. | <input type="checkbox"/> General |
| (d) and describe aerobic respiration in terms of a word equation. | <input type="checkbox"/> General |
| (e) that carbon dioxide is given off by cells during tissue respiration and is derived from food. | <input type="checkbox"/> General |
| (f) that heat energy may be released from cells during respiration. | <input type="checkbox"/> General |
| (g) the importance of energy released from food during respiration to the metabolism of cells. | <input type="checkbox"/> Credit |

Homework

End of Topic Test