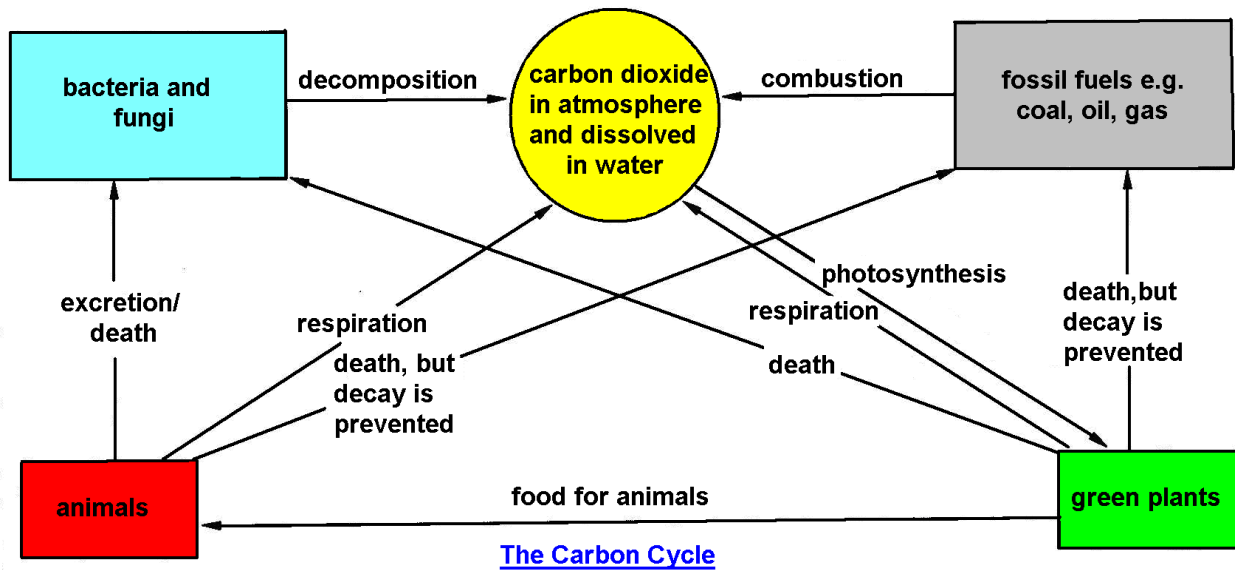


Grade 8 Natural Science Worksheet

The carbon cycle

The diagram below is a mind-map of the carbon cycle.



Start with green plants and write a paragraph describing the role each coloured block or circle plays in the carbon cycle.

[10 marks]

Grade 8 Natural Science Worksheet

Suggested Solutions

Possible marks	Solution
10	<p>Green plants use CO₂ to make photosynthesis.</p> <p>Animals eat green plants and get their carbon from the green plants.</p> <p>When plants and animals respire, they return CO₂ to the atmosphere.</p> <p>When they die, their bodies are broken down by bacteria and fungi.</p> <p>This process releases carbon to the atmosphere.</p> <p>If the plants and animals do not decay, their bodies are converted into fossil fuels.</p> <p>If fossils fuels are burned, CO₂ is returned to the atmosphere.</p> <p>7 facts, plus 3 marks for paragraph structure, grammar and spelling.</p>