

How food is turned into energy:

- We get the oxygen by breathing in.
- When we breathe out, we get rid of the carbon dioxide formed during respiration.

Word equation for respiration:

Glucose + oxygen = energy + carbon + water.

Ecology:

- Ecology – the study of how organisms interact with one another and their physical and chemical environment.
 1. Physical environment – things in nature that we see/feel/hear/touch. Example: wind.
 2. Chemical environment – substances and how they react with one another. Example: carbon dioxide.
- Organisms are living things. Example: humans, plants.