

Make sure you can write definitions for these key terms.

Resources, ecosystem, community, populations, interdependent, habitat, abundance, quadrat, food web, biomass, Sankey diagram, pyramid of biomass, abiotic, biotic, drought, pollutants, belt transect, biotic, competition, predation, biodiversity, predator-prey cycle, pollution, eutrophication, parasite, host, mutualist, indigenous, native, reforestation, captivity, food security, potable, desalination, fossil fuels, nitrates, nitrogen-fixing bacteria

Why do we pickle onions?



**Rates of decomposition**  
How to reduce the rate of food decomposition

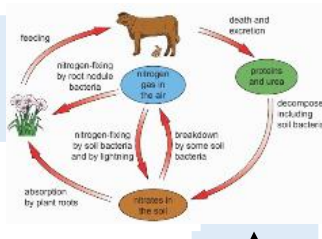


**Revision**  
Retrieval, keyword definitions and equation practice.

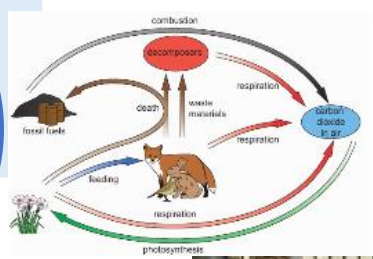
**Final assessment**  
Review of learning

**Apply:**  
+16 Environmental processes and interactions.  
Biodiversity and human impact.

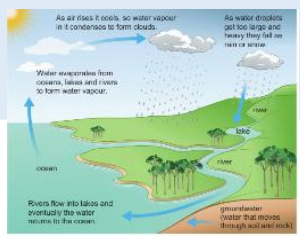
**Nitrogen cycle**  
Plants and nitrates and the role of bacteria



**Carbon cycle**  
How carbon cycles through an ecosystem, and the role of decomposers



**Water cycle**  
How water cycles through ecosystems



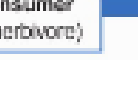
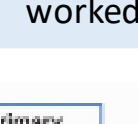
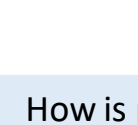
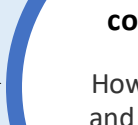
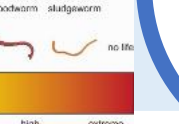
**Food security**  
The factors that affect food security and how they do so

Food category	Supply (kg/person/year) 1961	Supply (kg/person/year) 2011
fish	9.01	18.93
meat	23.07	42.36
cereal	128.13	147.17

**Preserving biodiversity**  
How animal conservation and reforestation can affect biodiversity



**Parasitism & mutualism**  
The effect of parasitism and mutualism on the survival of some organisms



no life

low (stream)

low (pond)

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