




1.4.1 - 4 + 7**Ecology, Ecosystem, Biosphere, Habitat
and Niche****Self Assessment****Where is your learning at?**

Green: I know it all
 Orange: I have some idea – check the answers
 Red: I need to start studying this section




	Can You	Green 	Orange 	Red 
1	Define the term: ecology			
2	Define the term: ecosystem			
3	Name a range of ecosystems demonstrating diversity			
4	Explain the term: biosphere			
5	Define the term: habitat			
6	List examples of habitats			
7	Explain the term: niche and give examples			

1.4.6 Energy Flow

Self Assessment

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	Can You	Green 	Orange 	Red 
1	State the primary source of energy on earth			
2	Give an example of a pathway of energy flow			
3	Give an example of grazing food chain			
4	Give an example of a food web			
5	Construct a pyramid of numbers and explain its use			

1.4.8 Nutrient Recycling

Self Assessment

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
	Can You	Green 	Orange 	Red 
1	Define the term: nutrient recycling by organisms			
2	Outline and draw the Carbon Cycle			
3	Outline and draw the Nitrogen Cycle			

1.4.9 Human Impact on an Ecosystem

Self Assessment

Where is your learning at?

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 Orange: I have some idea – check the answers
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	Can You	Green 	Orange 	Red 
1	Define the term: Pollution			
2	State areas affected by pollution			
3	State mechanisms to control pollution			
4	Explain the difference between the terms pollutant and pollution			
5	Discuss the ecological impact of one human activity			
6	Define the term: Conservation			
7	Outline any one practice of conservation from agriculture, forestry or fisheries			
8	State problems associated with waste management & disposal			
9	Explain the importance of waste minimisation			
10	Explain the role of micro-organisms in waste management and pollution control			