




# 1.5 Ecology

## Learning Objectives

### 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 
1.5.1	1	Present an overview of diversity of life forms in an ecosystem			
1.5.2	1	Identify a number of habitats from the selected ecosystem			
	2	Identify five plants and animals using simple keys			
	3	Draw up keys for identification of organisms			
	4	Identify and use various apparatus required for collection methods			
1.5.3	1	Explain the difference between a Qualitative & Quantitative study for plants and animals			
	2	Complete Frequency and Percentage Cover surveys			
1.5.4	1	Correlate choice of habitat for organisms to Abiotic Factors			
	2	Investigate and report on any 3 Abiotic Factors			
1.5.5	1	Explain the necessity for and give examples of Structural/Competitive/Behavioural adaptations			
	2	State one adaptation by one organism in the selected ecosystem			
1.5.6	1	Explain and identify the role of the organism in energy transfers			
	2	Draw a food chain of the study area			
	3	Draw a food web of the study area			
	4	Draw a food pyramid of the study area			
1.5.7	1	Discuss the necessity for analysis and assessments of results obtained			
	2	Identify local ecological issues related to selected organisms			