



Activity	Key Skills			National Curriculum		Edexcel, OCR, AQA	
	Understanding an Ecosystem	Biological Vocabulary	Measuring/ recording Biotic and abiotic factors)	Biology	ICT	Biology(Classification and variation, investigation of ecosystems)	ICT
Woodland ecology	*	*	*	*	*	*	*

Learning objective: Students will have an experience or be able to record and collate data from a woodland habitat.

Description: Woodland offers a divers habitat for organisms to live in as it has less temperature fluctuations than other habitats due to the shelter from trees, which also tend to keep the habitat moist. For this reason Woodlands are ideal for studying invertebrates, plants and soils, offering many opportunities for studies.

AIMS	FIELDWORK	ICT
<ul style="list-style-type: none"> To collect data on the variety and abundance of plant species in each habitat. To collect abiotic data in the different habitats. To learn field surveying techniques. To assess the limitations of the fieldwork carried out. Keywords: Woodland Ecology. Ecosystem Management. Soils. Quadrat analysis. 	<ul style="list-style-type: none"> Identify plant and invertebrate species. Measure light intensity, temperature and pH. Conduct soil analysis. 	<ul style="list-style-type: none"> Using word processing/data software collate information. Insert photos and diagrams