



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

Learning objective: Students will have experienced or be able to record and collate data from a Heathland habitat.

Description: This study looks at the influence of succession on an area of heathland and a number of relating hypotheses. Student's use a number of data collection techniques comparing the biotic and abiotic features to assess how small scale changes to the endaphic factors, terrain, moisture, temperature have a significant affect on the species diversity of the heathland. Comparisons are also made with a managed and unmanaged area of heathland.

AIMS	FIELDWORK	ICT
<ul style="list-style-type: none"> To study succession and establish whether it is occurring at Roman Camp. To look at the management techniques employed at Roman Camp by comparing a managed and unmanaged section. To look at problems caused by visitors. Keywords: Succession. Adaptation. Ecosystem Management. Soils. 	<ul style="list-style-type: none"> Identify plant and invertebrate species. Measure light intensity, temperature and pH. Conduct soil analysis. Conduct quadrat analysis. 	<ul style="list-style-type: none"> Using word processing/data software collate information. Insert photos and diagrams