

## PROVISIONAL PROGRAMME

### Introduction

- Woodland ecosystems – vegetation, soils, micro-climate and human uses.
- Comparison of deciduous and coniferous woodland.

### Field Site 1: Deciduous woodland

- Random sampling ground layer and canopy cover.
- Identifying vegetation using keys.
- Measuring micro-climate including temperature, light and precipitation.
- Sample soils for soil texture and pH.
- Observation of the layers of the deciduous woodland.

### Field Site 2: Coniferous woodland

- As at Field Site 1.

### Review

- Compare the vegetation in the two woodlands with bar graphs
- Compare the micro-climates by calculating averages
- Consider the limitations of the fieldwork.

## LEARNING OUTCOMES

### Most students will (N.C. Level 5/6)

- Describe and explain the relationships which exist between vegetation, climate, soil and human activity.
- Explain how and why people manage environments.
- Understand how to carry out a fieldwork enquiry and reach conclusions consistent with the evidence collected.
- Use a range of geographical techniques.

### Some students will not have made as much progress and will (N.C. Level 4/5)

- Understand how to carry out a fieldwork enquiry.
- Use a range of geographical techniques.

### Some students will have progressed further and will (N.C. Level 6/7)

- Suggest relevant geographical questions and issues.
- Suggest well-argued conclusions to their investigations and begin to reach substantiated conclusions.

**SAFETY** All activities and sites are risk assessed. Recommended adult: child ratio of 1:12.

**CLOTHING** Appropriate outdoor clothing. Indoor & outdoor footwear.

**BEHAVIOUR** Teachers are responsible for good behaviour & lunchtime supervision.

**RESOURCES** All resources are provided.

**ICT** There is the option of using a digital camera to record techniques.



### ASSESSMENT

Progress assessed by open-ended questioning, peer discussion and explanation of hypotheses and results.

### PRIOR LEARNING

Review ecosystems.

### FUTURE LEARNING

Produce a well structured report which draws on evidence to reach conclusions.