



INVESTIGATING PLANTS

KS2 Science

<p>Learning Objectives During this Day Course pupils should learn:</p> <ul style="list-style-type: none"> ü About the importance of plants ü That different plants are found in different habitats. ü That plants play a vital role in habitats and in the ecology of the Earth. ü To investigate how plant growth is affected by light levels. ü That flowering plants reproduce and have many different stages in their life cycle.
<p>Pupils will also:</p> <ul style="list-style-type: none"> ü Learn safely in a new environment; ü Gain an appreciation of the environment and understand their role in caring for it.

<p align="center">Day Course Programme</p> <p align="center">Where 2 classes are attending the course the introductory session will be common to both. Classes will then separate and sessions A and B will be interchangeable am and pm.</p>
<p>Introduction: On arrival a member of CEES teaching staff will welcome your group to the Centre and describe the day's programme and the learning objectives. The introduction will consider the importance of plants in our everyday lives.</p>
<p>Session A: This session takes place around Stibbington Centre's Nature Reserve. Pupils will carry out a variety of activities to include: investigating the effect of light and shade on plant growth; environmental games highlighting variation and seasonal changes, and observing and recording the adaptations of wetland plants.</p>
<p>Session B: This session may include practical activities around the theme of plants: a slide show and discussion of the adaptations and uses of rainforest plants; recording measurements and seasonal changes of a tree species; a map-based hide and seek game investigating plants associated with particular habitats (Y3/4) or a numerical survey of plant growth (Y5/6).</p>
<p>Plenary: The group will reflect on their day and consider how well the learning objectives have been met.</p>
<p>Note: The actual programme may vary depending on number and needs of pupils, length of visit and weather conditions.</p>

<p>Adult : Pupil ratios</p> <p>For this course CEES' recommended ratio for safety is 1 : 8</p> <p>For most classes, 4 pre-arranged working groups, each with an adult, is ideal.</p> <p>Additional adults may be needed with classes where individual pupils need 1 : 1 support.</p>
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<p>Other information</p> <p>Please see separate guidance notes on safe and effective day courses, including information on clothing and equipment.</p>

Relevant extracts from CEES risk assessments	
See also separate guidance notes on safe and effective day courses	
Hazard	Control measures
Extreme weather conditions	<ul style="list-style-type: none"> • CEES staff are aware of daily weather forecast. • Alternative venues or activities are substituted if weather conditions are particularly unfavourable. • In extreme cases, where guidance notes on clothing have not been complied with, pupils may be excluded from activities.
Unfamiliar surroundings	<ul style="list-style-type: none"> • Adults supervise directly (e.g. walking beside the group and regularly checking that entire group is present).
Plants and animals brought into or kept in classroom	<ul style="list-style-type: none"> • Protective gloves or plasters worn by pupils with open cuts or skin problems. • Instruction is given in the safe handling and observation of animals. • Activities are closely supervised by adults. • Pupils are instructed to wash hands after activity.
Walking beside water	<ul style="list-style-type: none"> • Pupils and adults are made aware of safe standards of behaviour when walking beside water. • CEES staff carry a lifeline in addition to standard safety equipment.
Walking along village roads	<ul style="list-style-type: none"> • Pupils walk in single file or not more than two abreast. • Group leader walks ahead of pupils with one adult at rear and others walking with their group. • Group walks on footpath if possible, otherwise on safer side of road, normally on right to face oncoming traffic. • When walking and working in small groups, pupils are instructed to stay close to their supervisory adult.