



## CEES at Burwell House

A "mix & match" programme of learning activities from different day courses may be selected.

At KS1 & 2, CEES Day Course themes at Stibbington Centre, Burwell House, Wisbech Castle and Vine House Farm include:

### Science

Exploring the environment  
Rocks & soils  
Energy & renewables  
Habitats & food chains  
Plants & minibeasts  
Crime Scene Investigation

### Geography

Map skills & location  
Weather & climate  
Exploring a locality  
Rivers & water

### History

Romans                  Vikings  
Victorians              WWI  
WWII Evacuation

### Art & design

Eco Art & the environment

### English & maths

. . . outdoors

### Contact details for further information

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## In Darwin's footsteps . . .

### Investigating Plants at KS2

#### Curriculum focus - Science

##### Aims

- ✓ To identify different parts of flowering plants and their functions.
- ✓ To learn how plants can be identified using ID keys.
- ✓ To explore the part flowers play in the life cycle of plants and the requirements of plants for life and growth.
- ✓ To understand that plants have adaptations which suit them to their environment and that environmental change can affect them.
- ✓ To investigate how plant growth is affected by light levels.

#### Programme

*The actual programme may vary depending on number and needs of pupils, length of visit and weather conditions on the day.*

##### Welcome

On arrival a CEES teacher will welcome your group to Burwell House and describe the day's programme. An introductory presentation will demonstrate the importance of plants.

##### Morning

- Explore the natural environment of Burwell House grounds
- Follow a trail and use keys to identify and name plants and trees.
- Measure a tree's girth, canopy and height.
- Estimate the age of a tree and take a bark and leaf rubbing to complete a tree passport.
- Make a collection which emphasises variation and seasonal change.

##### Afternoon

- Discover what plants need for life and growth and why they are important to humans and other animals.
- Use quadrats to estimate percentage cover of plants.
- Investigate the effect of light on plant growth.
- Create a collage of a flower showing the different parts.

##### Review

Prior to departure there will be an opportunity to review and reflect on the day.

#### Risk management

See separate "**Guidance notes for safe and effective Day Courses**"

**Supervision:** For this Day Course our recommended adult:pupil ratio for safety is 1:8 in pre-arranged working groups.

**Weather conditions:** CEES teachers are aware of daily weather forecasts and may adjust programmes depending on weather conditions on the day. See separate guidance on outdoor clothing and footwear.

**Site conditions:** CEES teachers will draw attention to any relevant risks.

**Equipment:** Instructions are given on the safe use of all equipment.

**Unfamiliar surroundings:** Pupils are made aware of safe standards of behaviour and are closely supervised by adults at all times.

## Day Course Information: