

Linnaeus' six kingdoms...

Classification of living things at year 5/6



CEES at Burwell House

If requested 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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Day Course Information:

Curriculum focus - Science

Aims

- ✓ To describe how living things are classified into broad groups according to observable characteristics, based on similarities and differences.
- ✓ To give reasons for classifying plants and animals based on specific characteristics.
- ✓ To record data and results using classification keys.
- ✓ To understand how animals and plants are adapted to their environment and that adaptation may lead to evolution.

Programme

The actual programme may vary depending on the 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. A preserved owl will be used to introduce and demonstrate the principles of adaptation.

Session A

- Investigate pond, grassland, hedgerow, woodland and leaf litter habitats.
- Use fieldwork techniques to collect minibeasts.
- Use classification keys to group, identify and name creatures from different habitats.

Session B

- Use microscopes and magnifiers to closely observe minibeasts.
- Identify similarities and differences in pond minibeasts.
- Explore identification keys and design your own key.
- Create a specially adapted minibeast using clay.

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 assess site conditions and draw attention to any risks. Fieldwork will not be carried out where any kind of water pollution is suspected. Pupils with cuts or abrasions will be given protective gloves before working near water. Pupils will be instructed to wash hands thoroughly after working with water.

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.