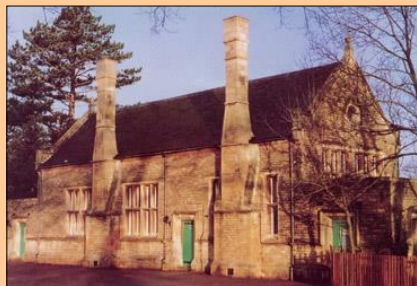


Linnaeus' six kingdoms...

Classification of living things at year 5/6



CEES at Stibbington Centre

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

To reduce travel costs it may be possible for 2 classes from the same school to follow 2 different courses on the same day.

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

Tel
01780
782386

Fax
01480
377601



cees.stibbington@
cambridgeshire.gov.uk
www.cees.org.uk

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 *When there are two classes the welcome will be common to both. Classes then separate and sessions A and B are interchangeable before and after lunch. The programme may vary depending on the number and needs of pupils, length of visit and weather conditions.*

Welcome

On arrival a CEES teacher will welcome your group to the Centre and describe the day's programme. A preserved owl will be used to introduce and demonstrate the principles of adaptation.

Session A

- Follow a trail to Stibbington Lakes nature reserve observing various habitats along the way.
- At a safe pond dipping area, sample aquatic minibeasts.
- Use classification keys to identify and name the creatures.
- Consider how aquatic minibeasts are adapted to their environment.

Session B

- Investigate grassland, hedgerow, woodland and leaf litter habitats to discover minibeasts.
- Use microscopes and magnifiers to closely observe minibeasts and identify similarities and differences.
- Explore identification keys and design your own key.
- Create a specially adapted minibeast using clay.

Review Prior to departure there will be a chance to 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. 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.

Day Course Information: