

Materials matter . . .

Exploring materials at KS1



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

Maps, trails & treasure
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 recognise differences between natural and human-made materials.
- ✓ To identify different materials and distinguish between objects and the materials from which they are made.
- ✓ To describe and group materials based on their physical properties, including their ability to change shape.
- ✓ To make predictions about materials and how they might change when heated.
- ✓ To recognise hazards and risks when working with materials and with fire.

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. A breakfast table setting will be used to introduce a variety of different materials.

Morning

A range of activities designed to aid familiarisation with and exploration of materials, including:

- Sort & group materials, including natural and un-natural.
- Observe materials closely and explore their properties.
- Identify materials using various senses.

Afternoon

This session is based outside in Wisbech Castle’s extensive grounds. Activities may include:

- Follow a natural and un-natural materials trail.
- Go on a materials scavenger hunt.
- Create an environmental sculpture using natural materials.
- Predict and observe changes in a variety of materials when heated on an open fire.

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 1:6 in 4 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.

Fire safety: A small fire is lit and tended by CEES staff only. Pupils remain at a safe distance, are supervised closely at all times near a lit fire and given clear instructions on expected behaviour.

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

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