

From source to sea... Investigating Rivers at KS2



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 WW1
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 - Geography

Physical geography: Rivers and water cycle, and fieldwork skills

Aims

- ✓ To describe and compare geographical features relating to rivers and how the landscape is shaped by river processes.
- ✓ To interpret maps and models, and to use fieldwork equipment to investigate river processes.
- ✓ To understand how human activity can affect and be affected by rivers and the associated hazards and risks.

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 then include river and valley features from source to mouth, including the names of some UK rivers.

Morning

A visit to the River Snail for hands-on (or feet in!) fieldwork investigations:

- Measure the speed of flow and depth of the channel
- Complete a landscape sketch
- Observe a river gauging station on site

Afternoon

Use river models to:

- Simulate erosion, transportation and deposition
- Demonstrate causes and effects of flooding
- Reinforce geographical features and language

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

NB *Your bus will be needed to transport the group between Centre and river (3 miles). **Please make this clear to your bus company.***

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, including water levels and speed of flow to make appropriate decisions on safety beside the stream. In normal conditions water level will not exceed 30cm. 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.