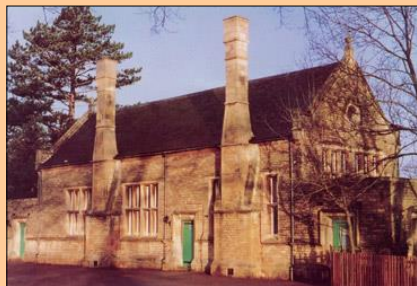


## From source to sea... Investigating Rivers in Y5 & 6



### 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 WW1  
WW2 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. Fieldwork skills.

#### Aims

- ✓ To identify and locate significant rivers around the world and to understand the course of the River Nene.
- ✓ 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** *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

A CEES teacher will welcome your group to the Centre. An introductory presentation will then include river and valley features from source to mouth, including the names of some world rivers

#### Session A

- Study a model of the local landscape to identify and name river and valley features.
- Observe a simulation model to identify erosion, transportation and deposition, and the associated hazards of flooding.
- Carry out an experiment using a run-off model to show how flooding may occur.

#### Session B

- Visit the River Nene to observe its valley and floodplain, and think about the effects of flooding on the area.
- Work in and beside a small tributary of the River Nene.
- Measure the speed of flow and depth of the channel.
- Complete a landscape sketch.

**Review** Prior to departure there will be a chance to reflect on the day

**NB** *Your bus will be needed to transport the group between Centre and river (2 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.