

Come rain or shine...

Investigating weather and climate at KS2



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 and 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: water cycle and climate zones.
Geographical skills and fieldwork

Aims

- ✓ To identify the position of the Equator, Northern and Southern Hemispheres, Tropics of Cancer and Capricorn.
- ✓ To name and locate climate zones and discuss characteristics.
- ✓ To use a range of equipment, including digital technologies, to measure, record, present and interpret weather data.
- ✓ To understand the relationship between climate and energy.

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 and begin the day's programme with the 'Water Cycle Workout'.

Session A

- Use the playground map to explore significant places around the world and consider climate zones.
- At the Stephenson Screen, find out about the different instruments that are used to measure weather.
- Measure, record and compare the weather at sites around the grounds of Stibbington Centre.
- Use the Weather Tree to interpret weather data.
- Make weather instruments for a weather station back at school.

Session B

- Find out about sun and wind as sources of renewable energy.
- Follow a renewable energy trail around the grounds.
- Use hands-on solar and wind energy mini-kits to carry out practical investigations in the grounds.

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 draw attention to any relevant risks.

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.