



EXPLORING OUR ENVIRONMENT

KS 1 SCIENCE

Learning Objectives During this Day Course pupils should learn:	
ü	To make predictions about the plants and animals that might be found in different places in the environment.
ü	To use a variety of techniques to find, record, observe and identify animals and plants in their environment.
ü	That plants and animals can be grouped according to observable similarities and differences.
ü	To ask scientific questions and use scientific vocabulary.
ü	To treat plants and animals in the environment with care and sensitivity.
Pupils will also:	
ü	Learn safely in a new environment;
ü	Gain an appreciation of the environment and understand their role in caring for it.

Day Course Programme	
Where 2 classes are attending the course the introductory session will be common to both. Classes will then separate and sessions A and B will be interchangeable am and pm.	
Introduction: On arrival a member of CEES staff will welcome your group to the Centre and describe the day's programme and the learning objectives. There will be an opportunity to explore the Centre and its many displays and exhibits.	
Session A: This session is based at Upware Centre's unique nature reserve. A range of practical activities will be undertaken to explore the animals and plants of various habitats, including pond, woodland, leaf litter, hedgerow and grass. Children will also explore the reserve's Jurassic coral reef to find fossils.	
Session B: This will be a workshop session based in the Centre involving a variety of practical activities related to observing and recording from the environment. These will include creating a clay creature, wool winding to record colours in nature, close observation of pond creatures, sunlight photograms and water colour painting or drawing natural objects including plants, preserved animals and birds.	
Plenary: The group will reflect on their day and consider how well the learning objectives have been met.	
Note: The actual programme may vary depending on number and needs of pupils, length of visit and weather conditions.	

Relevant extracts from CEES risk assessments	
See also separate guidance notes on safe and effective day courses.	

Hazard	Control measures
Extreme weather conditions	<ul style="list-style-type: none"> CEES staff are aware of daily weather forecast. Alternative venues or activities are substituted if weather conditions are particularly unfavourable. In extreme cases, where guidance notes on clothing have not been complied with pupils may be excluded from activities.
Unfamiliar countryside surroundings	<ul style="list-style-type: none"> Adults supervise directly, for example, walking beside the group and regularly checking that all are present. Pupils are made aware of safe standards of behaviour.
Walking and working beside water	<ul style="list-style-type: none"> Pupils and adults are made aware of safe standards of behaviour when walking beside water. CEES staff carry a lifeline in addition to standard safety equipment. Pupils are given instruction in safe working practices and use of equipment at start of session. Dipping is carried out from specially constructed wooden platforms. Only one member of a group will dip at one time.
Handling natural materials	<ul style="list-style-type: none"> Pupils are warned about known dangers regarding for example sharp or stinging plants. Pupils are instructed to wash hands thoroughly after handling natural materials and before eating.
Working with clay	<ul style="list-style-type: none"> Eyewash is readily available. Working surfaces are wet-wiped and clean tools are used. Pupils with cuts or skin allergies are provided with protective gloves.

<p>Adult : Pupil ratios</p> <p>For this course CEES' recommended ratio for safety is</p> <p>Reception 1 : 3 Key Stage 1 1 : 6</p> <p>Additional adults may be needed with classes where individual pupils need 1 : 1</p>
<p>Other information</p> <p>Please see separate guidance notes on safe and effective day courses, including information on clothing and equipment.</p>