



EXPLORING MINIBEASTS

KS 1 SCIENCE (QCA units 2B and 2C)

<p>Learning Objectives During this Day Course pupils should learn:</p> <ul style="list-style-type: none"> ü To use a variety of techniques to find, observe and identify animals in the environment. ü That different kinds of animals may be found in different habitats. ü To make predictions about the animals which might be found in different habitats. ü That animals can be grouped according to observable similarities and differences. <p>Pupils will also:</p> <ul style="list-style-type: none"> ü Learn safely in a new environment; ü Gain an appreciation of the environment and understand their role in caring for it. 	<p style="text-align: center;">Day Course Programme</p> <p style="text-align: center;">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.</p> <p>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.</p> <p>Session A: This session is based at Upware Centre's unique nature reserve where a variety of practical, investigative activities may be undertaken to explore the minibeasts of various habitats, including: pond, woodland, leaf litter, hedgerow and grass.</p> <p>Session B: This will be a workshop session with a practical activities related to observing, grouping and recording minibeasts, using a wide range of equipment and materials. Activities may include close observational drawing, creating minibeasts using clay; making minibeast trails and sorting and grouping collections of model minibeasts.</p> <p>Plenary: The group will reflect on their day and consider how well the learning objectives have been met.</p> <p>Note: The actual programme may vary depending on number and needs of pupils, length of visit and weather conditions.</p> <p style="text-align: center;">Relevant extracts from CEES risk assessments</p> <p style="text-align: center;">See also separate guidance notes on safe and effective day courses</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Hazard</th> <th style="width: 50%;">Control measures</th> </tr> </thead> <tbody> <tr> <td>Extreme weather conditions</td> <td> <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. </td> </tr> <tr> <td>Uneven ground, low branches on trees, steep slopes, steps</td> <td> <ul style="list-style-type: none"> • Pupils and adults are made aware of expected standards of behaviour and, for example pupils are instructed to walk, not run, to look ahead, and to stay close to their supervisory adult. </td> </tr> <tr> <td>Unfamiliar countryside surroundings</td> <td> <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. </td> </tr> <tr> <td>Walking and working beside water</td> <td> <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. <p>Pond Dipping:</p> <ul style="list-style-type: none"> • Pupils are given instructions in safe working practices and use of equipment at the start of the session. • Dipping is carried out from specially constructed wooden platforms. • Only one member of a group will dip at one time. • Practical work is carried out only where there is no water pollution. </td> </tr> <tr> <td>Working with clay</td> <td> <ul style="list-style-type: none"> • Eyewash is readily available. • The working surfaces are wet-wiped and clean tools are used. • Pupils with cuts or skin allergies are provided with protective gloves. </td> </tr> </tbody> </table>	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. 	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<p>Adult : Pupil ratios</p> <p>For this course CEES' minimum recommended ratio for safety is</p> <p style="text-align: center;">1 : 6</p> <p>Additional adults may be needed with classes where individual pupils need 1: 1 support</p>													
<p>Other information</p> <p>Please see separate guidance notes on safe and effective day courses, including information on clothing and equipment.</p>													