

ROCKS WORKSHOP (QCA 3D)

KS2 SCIENCE



<p>Learning Objectives During this Day Course pupils should learn:</p>
<ul style="list-style-type: none"> ü That rocks are used for a variety of purposes because of their particular characteristics. ü That rocks can be grouped according to observable characteristics. ü That differences between rocks can be identified by testing, such as hardness and permeability. ü Scientific vocabulary connected with rocks.
<p>Pupils will also:</p>
<ul style="list-style-type: none"> ü Learn safely in the environment; ü Gain an appreciation of the environment and understand their role in caring for it.

<p>Adult : Pupil ratios For this course CEES' recommended ratio for safety when working in the school grounds is 1 : 8 excluding the CEES teacher</p> <p>Additional adults may be needed with classes where individual pupils need 1 : 1 support.</p>
<p>Other information Please see overleaf for guidance notes, including information on clothing and equipment.</p> <p>Programme content will be adjusted to reflect the age and needs of the group.</p> <p>Prior to the start of the session the CEES teacher will need to be briefed on the areas and habitats which are available for use in the schools grounds.</p>

<p style="text-align: center;">Workshop Programme</p>
<p>Introduction: A member of CEES teaching staff will introduce him/herself and describe the programme and the learning objectives. An illustrated talk will be used to demonstrate the importance of rocks in our everyday lives, and explain the formation of rocks, minerals and fossils.</p>
<p>Workshop Session: The session will be based in the classroom, where pupils will work in small groups to sort sets of rock samples according to features such as appearance and texture. Rocks will then be classified and named. Pupils will carry out tests for hardness and permeability to identify suitable rocks for building houses.</p>
<p>Plenary: The group will reflect on their session 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 and length of session.</p>

Relevant extracts from CEES risk assessments	
See also guidance notes relating to health and safety overleaf	
Hazard	Control measures
Handling natural materials	<ul style="list-style-type: none"> • Pupils are instructed to wash hands thoroughly after handling natural materials and before eating.