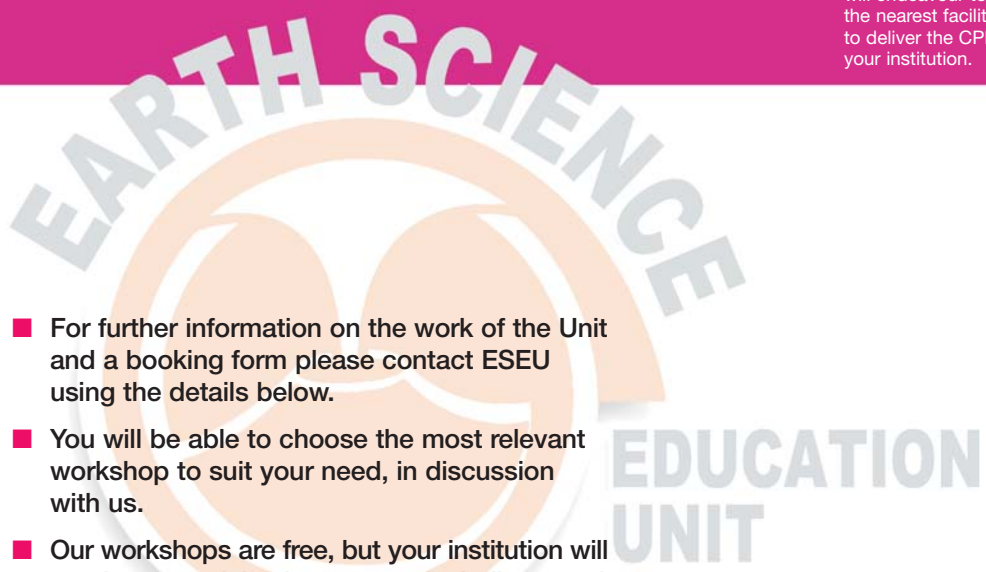


NO
FEE
CPD



The Earth Science Education Unit is administered from Keele University and will endeavour to get the nearest facilitator to deliver the CPD at your institution.



- For further information on the work of the Unit and a booking form please contact ESEU using the details below.
- You will be able to choose the most relevant workshop to suit your need, in discussion with us.
- Our workshops are free, but your institution will need to pay minimal expenses, including travel for the workshop facilitator and possible overnight accommodation costs. The facilitator will normally be the ESEU team member who lives closest to you but on occasion may have to travel from further afield or more than one facilitator may be needed to deliver the CPD (if the group number is more than 25).



KS2 Primary Workshops

Teaching the Dynamic Earth

With the support of



KEELE UNIVERSITY
www.keele.ac.uk



ESTA
Earth Science Teachers' Association
www.esta-uk.org
Registered Charity No. 1005331



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www.earthscienceeducation.com



Oil & Gas UK
the voice of the offshore industry
www.oilandgas.org.uk

No FEE CPD KS2 Primary Earth science workshops covering aspects of both Science and Geography Programmes of Study and Schemes of Work for Years 3-6:

- minimal expenses only
- for any group of primary science teachers or trainees
- 1½ hour workshops in one day, half-day or twilight sessions

Teaching the Dynamic Earth – interactive workshops

Our workshops:

- aim to improve the teaching of Earth science topics
- are designed to raise staff confidence and enthusiasm in teaching about the active Earth
- emphasise the importance and relevance of the subject
- provide primary teachers with a wide range of practical and thinking activities that cover aspects of both Science and Geography Programmes of Study and Schemes of Work for the Years 3-6
- are free of charge (apart from the expenses of the facilitator), thanks to sponsorship from Oil and Gas UK

Participants will:

- develop effective use of practical, hands-on activities relevant to the teaching of Earth science
- apply methods that can investigate and understand major rock groups and also explain the landscapes of the world



“Very interesting, practical ways of teaching. It makes the children understand instead of memorizing!”

“The most interesting workshop I have ever attended in my teaching career.”

No Fee Teacher CPD on offer in England, Northern Ireland and Wales

Primary Workshops

(90 minutes each)

How the Earth Works in Your Classroom (Earth science for Years 5/6): Bring the world into your classroom through a wide range of Earth science practical and thinking activities that cover aspects of both Science and Geography Programmes of Study and Schemes of Work for the Years 5 and 6.



See the 'world in a grain of sand' as you consider different practical activities that teach about erosion, transportation and deposition and help you to pan for gold! Use sand and water to show how rivers work and coasts can crumble - see the grains move, see the banks collapse, think where the safest place might be.

Clean up your pond water, then create your own mini water cycle in the classroom before taking the ideas back out into the 'real world'.

The Rock and Soil Circus Comes to Town (Earth science for Years 3/4)

Join our circus and explore the world! Experience how KS1 pupils might tackle an Earth-related activity. Then tackle the rocks and soils part of the National Curriculum the scientific way. Test the rocks, test the soils - find out what they can tell us about the Earth we live on. Try different interactive and hands on practical activities that spotlight rocks and soils as you may never have seen them before - and enjoy the thrills and spills of 'the rock and soil circus' in your classroom. (Starter and Plenary activities for KS1 included.)

Spot that Rock: sorting rocks the scientific way (Earth science for Years 3/4)

'Spot that rock' leads you step by step through a series of investigative practical activities that will allow you to teach children to investigate and sort most rocks from first principles (and distinguish them yourself). These methods can then be used on a series of unknown rocks. The activities not only explain why rocks have the characteristics that they do, but also what this means in the development of the local and UK landscape and in the uses of rocks.

So, these simple but widely applicable methods can help you not only to investigate and understand major rock groups, but also to explain the landscapes of the world!

