

**Register
Now**

Earth Science Teachers' Association

Primary Workshop
30th September 2017
Keele University, Staffordshire

**Including Rock
Kit and other
goodies**

**Free
Lunch**

Action-packed, cross-
curricular workshop
REGISTER NOW AT
conference@esta-uk.net

£80

9 – 9.45am Minerals and Rocks – Look at the properties of minerals and how they influence the properties of rocks and their uses. Use this knowledge to help your work with the ESTA Rock Kit (yours to take home) by identifying the rocks and testing their porosity. Make your own well and find out how to set up your own building stones walk.

9.45 – 10.30am Soils and Erosion – Consider rock erosion mechanisms and soil formation. Try different methods of separation. Observe differences in permeability; colour; texture and composition of various soils. Link these observations to soils' origins.

10.30 – 11.00am – Water – Investigate where our water comes from and the availability of water in wells and from other sources. How can water be cleaned? Try cleaning your own water sample – could you drink this or even use it?

11 – 11.30am – tea break

11.30 – 12.15am Fossils and Evolution – look at fossil types, body and trace fossils. Examine some common fossils and link them to organisms living today, looking at changes through evolution. Show how specific fossils can help give relative rock ages (superposition) and link separated rock formations. Discover how fossils can be used as 'fossil clocks' to help date the rocks.

12.15 – 12.30am – Summary, Questions and Goodies Collection.

12.30 am- Lunch & Exhibition—an opportunity to meet the conference delegates



Earth Science Teachers' Association
www.esta-uk.net
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