



## SOIL-NET.COM Teacher's Questionnaire

[www.soil-net.com](http://www.soil-net.com)

*Soil-Net.com is a free and compelling environmental Internet resource for Key Stages 1-4 providing teachers and students extensive curriculum-based information about soil. As one of the three major natural resources, alongside air and water, soil is vital to the existence of life on earth. Soil-Net.com will help you discover what soil is, the teeming life in soil and about the many environmental threats facing soils.*



The National Soil Resources Institute, a part of Cranfield University have developed Soil-Net as an extensive source of information, advice and activities for students, teachers, parents and carers alike to assist in environmental education concerning soil. We are keen to establish how soil and soil-related issues are being addressed, or could be being addressed, within the classroom. Part of this involves asking teachers to complete this questionnaire to help guide our work. We are keen to find out about how soil might be being featured in your classes, as well as your views as to a series of educational resources we will introduce you to. This will help us gain an informed overview of soil education provision, which we hope will help us ultimately to promote more widely such these initiatives.

### 1. Contact Details:

Your name
Your Year Group
Your curriculum area / NC objective
Your school
Address
Postcode
Tel
Email
Web

**2. Activity:** Can you describe and outline how you currently use information concerning soils in your current teaching activities?

Had you ever taught or used soil in a lesson before?

Yes ☐

No ☐

*Please continue on separate sheet if required*

## Key Stage 1 & 2

**3. Soil-Net Web KS1 & 2 Resource:** We are interested in how you feel the Soil-Net web resource supported your teaching activities. On a scale of 1 to 5 can you rank how well the following topics could be used in support of your teaching – skip if not KS1. Score of 5 is very well and 1 is not at all, plus don't know: *(Please ring one – and feel free to comment)*

This section is not relevant to my teaching

☐

<u>KS1/2: Introduction - What is soil:</u>	<5	4	3	2	1	DK>
<u>KS1/2: Introduction – Why does soil matter:</u>	<5	4	3	2	1	DK>
<u>KS1/2: Introduction – How do soils form:</u>	<5	4	3	2	1	DK>
<u>KS1/2: Introduction – The beginning of soil:</u>	<5	4	3	2	1	DK>
<u>KS1/2: Introduction – Soil under the microscope:</u>	<5	4	3	2	1	DK>
<u>KS1/2: Introduction – Properties of soil:</u>	<5	4	3	2	1	DK>
<u>KS1/2: Introduction – Why and how soils differ:</u>	<5	4	3	2	1	DK>
<u>KS1/2: Introduction – Soils as a living being:</u>	<5	4	3	2	1	DK>
<u>KS1/2: Introduction – Soil, plants and food production:</u>	<5	4	3	2	1	DK>
<u>KS1/2: Introduction – School garden:</u>	<5	4	3	2	1	DK>

*Note, the Key Stage 1 and 2 materials are a series of short video animations linked from the Soil-Net home page.*

## Key Stage 3 & 4

**4. Soil-Net Web KS3 & 4 Resource:** We are interested in how you feel the Soil-Net web resource supported your teaching activities. On a scale of 1 to 5 can you rank how well the following topics could be used in support of your teaching – skip if not KS3/4. Score of 5 is very well and 1 is not at all, plus don't know: *(Please ring one – and feel free to comment)*

This section is not relevant to my teaching

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<u>KS3/4: Introduction - What is soil:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – Why does soil matter?:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – Soil under the microscope:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – Recognising types of soil:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – Weathering and soil formation:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – Properties of soil:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – Soil character:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – pH and soil acidity:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – How do soils form?:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – Why do soils differ?:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – Soil as a living being:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – Plants and soils:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Introduction – The beginning of soil:</u>	<5	4	3	2	1	DK>
<u>KS3/4: The Global Cycles – The oxygen cycle</u>	<5	4	3	2	1	DK>
<u>KS3/4: The Global Cycles – The nitrogen cycle</u>	<5	4	3	2	1	DK>
<u>KS3/4: The Global Cycles – The carbon cycle</u>	<5	4	3	2	1	DK>
<u>KS3/4: The Global Cycles – The nutrient cycle</u>	<5	4	3	2	1	DK>
<u>KS3/4: The Global Cycles – The hydrological cycle</u>	<5	4	3	2	1	DK>
<u>KS4: Soil Functions: Introduction</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Farming and food production:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Forestry:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Ecology:</u>	<5	4	3	2	1	DK>

<u>KS3/4: Soil Functions – Soils and water:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Land reclamation:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Soils and infrastructure:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Soils and archaeology:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Soils and climate change:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Soils and health:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Land quality and planning:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soil Functions – Soils and gardening:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soils on earth – Soils of Britain:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Soils on earth – Soils of the World:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Soil erosion:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Desertification:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Acid rain:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Fertilisers:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Pollutants:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Deforestation:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Impacts on biodiversity:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Climate change:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Salinisation:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Loss of organic matter:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Acidification:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Compaction:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Threats to Soils – Building on soil:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Future Concerns – Population and food:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Future Concerns – Population and infrastructure:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Future Concerns – Climate change impact on soils:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Future Concerns – Soil quality and sustainability:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Future Concerns – Managing water resources:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Future Concerns – Food safety and health:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Future Concerns – Waste disposal:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Future Concerns – Loss of biodiversity:</u>	<5	4	3	2	1	DK>
<u>KS3/4: What Else – Soil activities:</u>	<5	4	3	2	1	DK>
<u>KS3/4: What Else – Soil careers:</u>	<5	4	3	2	1	DK>
<u>KS3/4: What Else – Soil datasets:</u>	<5	4	3	2	1	DK>
<u>KS3/4: What Else – Glossary:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Case Studies:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Activity sheets:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Desktop images:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – School garden:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Soil walks:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Terrain builder:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Eco-Lifestyle quiz</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Soilsclapes viewer:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Whose Poos?:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Whose clues?:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Wormery:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Mushrooms:</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Primary offline files</u>	<5	4	3	2	1	DK>
<u>KS3/4: Activities – Soil-Net photo library:</u>	<5	4	3	2	1	DK>

# Teacher Resources

**5. Soil-Net Web Teachers Resource:** We are interested in how you feel the Soil-Net web resource supported your teaching activities. On a scale of 1 to 5 can you rank how well the following topics could be used in support of your teaching – skip if not KS4. Score of 5 is very well and 1 is not at all, plus don't know: *(Please ring one – and feel free to comment)*

Teachers & Parents: KS 1 & 2  
Teachers & Parents: KS 3  
Teachers & Parents: KS 4  
Teachers & Parents: Resources

<5 4 3 2 1 DK>  
 <5 4 3 2 1 DK>  
 <5 4 3 2 1 DK>  
 <5 4 3 2 1 DK>

**6. Soil-Net Web About:** We are interested in how you feel the Soil-Net web resource supported your teaching activities. On a scale of 1 to 5 can you rank how well the following topics could be used in support of your teaching – skip if not KS4. Score of 5 is very well and 1 is not at all, plus don't know: *(Please ring one – and feel free to comment)*

# About

About: Help  
About: New to Soil-Net  
About: Contacts  
About: Copyright  
About: Credits  
About: Feedback  
About: Links  
About: Events and News  
About: Donations (!)

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**7. Soil-Net Web Resource Opportunities:** In your view, what are the opportunities for developing, improving or enhancing the Soil-Net web resource in the future? What would you like to see?

*Please continue on separate sheet if required*

**8. Your recommendations to us:** We are interested in your advice on how to transmit soils-related information to school students. In an ideal world how do you feel this should be achieved, and how do your views differ from what we have set out to provide through Soil-Net?

*Please continue on separate sheet if required*

**9. General Comments:** Thank you very much for your assistance - Are there any other comments you would like to add? Are there any issues you would wish to raise?

*Please continue on separate sheet if required*

Please feel free to include with this return examples of any worksheets, lesson plans or related materials that you would like to draw to our attention or share with us.

**Thank you for your time – it is very much appreciated.**

*Data Protection: Cranfield University will hold and process this data, storing information now and in the future, for the provision of research and administration for improving soils educational materials.*

Please watch our website [www.soil-net.com](http://www.soil-net.com) as it grows. For further information regarding any aspect of this survey, or to return the completed surveys, please contact:

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