

Upper Primary Soils

Curriculum Links

England National Curriculum

Science: Year 3: Rocks

Geography: Human and Physical Geography

Scotland Curriculum for Excellence

Expressive Arts: Art & Design;

Science: Materials, Earth Materials;

Social Studies: People, Place and Environment

Northern Ireland Primary Curriculum

The World Around Us;

Interdependence: Change over time

Wales National Curriculum

Science: The sustainable Earth

Geography: Places, environments and patterns

Introduction, Aims and Objectives

This Soil Exploration live session, supported by its associated resources, introduces pupils to the rocks and soils under their feet. Through exploration pupils will learn more about the types of rock and soil, and how these may vary in different locations.

Learning Objectives:

- Compare and contrast different rock types
- Understand how soil is formed and its key components
- Develop scientific investigation skills

Pre-lesson

Please visit <https://encounteredu.com/cpd> for guidance on using these Live Lessons and Teacher Resources during school closures. The rock cycle and rock types worksheets are useful pre-lesson activities to develop knowledge around this topic area. It contains some background reading, a cloze comprehension activity and an opportunity for pupils to demonstrate their learning through a summary drawing activity.

There are also some activities to help pupils generate questions in advance of the Soil Exploration Live Lesson. FSC's expert field tutor will answer pupils' questions. Submit your questions in advance to increase the chance of being answered, or you can submit live.



During the live lesson

The soil fact-file is a useful set of information that will allow pupils to undertake two tasks alongside the presenter. One to determine the content of soil and secondly to classify it.

After the live lesson

A teacher focussed webinar will share a range of resources and activities that can supports pupils to continue their learning into soils and rocks.

Additional resources and links

- Home soil test activity
https://www.gardensedge.com/how-to-determine-your-soil-type/a/100_24
- Cooking activity
www.thekidsgarden.co.uk/TeachingKidsAboutSoil.html
- International Year of Soils Videos
<https://www.soils.org/iys/monthly-videos>
- Soils 4 Kids
<https://www.soils4kids.org>
- British Isles Geology Toolkit
<https://learning.elucidat.com/course/5a54911cb2fc6-5ca5d63fc1ae2>