

Statement of participation

Guest user

has completed the free course including any mandatory tests for:

Practising science: Reading the rocks and ecology

This 14-hour free course provided an introduction to environmental analysis, assessing the age and formation of rocks and their surrounding ecology.

Issue date: 14 March 2022



www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification. This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:

<https://www.open.edu/openlearn/science-maths-technology/geology/practising-science-reading-the-rocks-and-ecology/content-section-0>

COURSE CODE: **SXR103_1**

Practising science: Reading the rocks and ecology

<https://www.open.edu/openlearn/science-maths-technology/geology/practising-science-reading-the-rocks-and-ecology/content-section-0>

Course summary

Have you ever wondered how scientists analyse the environment? This free course, Practising science: Reading the rocks and ecology, introduces you to the techniques used by science students at residential schools. You will learn how to determine where rocks have come from and how they were made. You will also examine the processes involved in determining the ecology of a particular area.

Learning outcomes

By completing this course, the learner should be able to:

- explain the difference between a mineral and a rock
- describe the textural differences between igneous, sedimentary and metamorphic rocks
- account for these differences in terms of the processes that produce these rocks
- classify igneous rocks according to their grain size and mineralogical composition
- recognise the difference between a body fossil and a trace fossil.

Completed study

The learner has completed the following:

Section 1

Earth Sciences: reading the rocks

Section 2

What is ecology?