

Statement of participation

Guest user

has completed the free course including any mandatory tests for:

The Sun

This 8-hour free course explored the workings of the Sun, its structure and the main processes taking place within it.

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/the-sun/content-section-0>

COURSE CODE: **S194_1**

The Sun

<https://www.open.edu/openlearn/science-maths-technology/the-sun/content-section-0>

Course summary

--- Please note: This course is due to be archived on Wednesday 30th November. You can study the course up until this date. For learners who have completed the course, the Statement of Participation will remain in your learner records in your OpenLearn profile. --- The Sun dominates our lives by defining our day, but how much do you know and understand about it? This free course will help you to explore the workings of what, from Earth, appears to be the brightest star in our universe by looking at its structure and the main processes taking place within it. You will also examine the phenomenon of sun spots.

Learning outcomes

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

- demonstrate knowledge of the electromagnetic spectrum and how it is used to infer properties of sources of radiation
- demonstrate knowledge of the range of sizes, distances and motions of objects in the Universe and how they can be measured
- demonstrate knowledge of the structure of, and the main processes operating in, the Sun
- comprehend concepts lying well outside everyday experience, including those that involve very large and very small distances, times, temperatures and energies, and those that are non-intuitive.

Completed study

The learner has completed the following:

Section 1

Observing the Sun

Section 2

Inside the Sun

Section 3

Measuring the Sun

Section 4

course summary

Section 5

End-of-course questions

Section 6

Conclusion