

## Statement of participation

# Aliya Amanzhol

has completed the free course including any mandatory tests for:

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### What is a metal?

This free 3-hour course looked at different types of metals.

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**[www.open.edu/openlearn](https://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/chemistry/what-metal/content-section-0>**

COURSE CODE: **S111\_P1**

## What is a metal?

<https://www.open.edu/openlearn/science-maths-technology/chemistry/what-metal/content-section-0>

### Course summary

This free course, What is a metal? explores the main characteristic properties of metals and their varied use in our everyday lives. Each metal has its own personal signature and you will undertake an online experiment to identify individual metals.

### Learning outcomes

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

- understand metallic bonding and how it is related to metallic characteristics
- understand the role of metals in everyday life.

### Completed study

The learner has completed the following:

#### Section 1

What is a metal?

#### Section 2

Arrangement of atoms in metals

#### Section 3

A metal's signature

#### Section 4

Uses of metals

#### Section 5

Conclusion