

Statement of participation

Dan Rimniceanu

has passed the free course including all mandatory tests for:

Teaching mathematics

This 24-hour course developed your understanding of mathematical content and effective strategies to the teaching and learning of this content.

Issue date: 22 March 2021



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/education-development/teaching-mathematics/content-section-overview>

COURSE CODE: **TM_1**



Teaching mathematics

<https://www.open.edu/openlearn/education-development/teaching-mathematics/content-section-overview>

Course summary

Teaching mathematics has been designed for non-specialist mathematics teachers of 8 to 14 year olds, teaching assistants, home schoolers and parents and draws on the established provision of mathematics education at the Open University. It can also be used as Continuing Professional Development by individuals or groups of teachers. This course aims to develop your understanding of the mathematical content covered in the middle school years and effective strategies and approaches to the teaching and learning of this content. Through your studies you will begin to understand how children in this age group learn mathematics and the common misconceptions which they may experience.

Learning outcomes

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

- develop understanding of mathematical content in the middle school years
- begin to understand how learners learn mathematics
- identify effective strategies and approaches for teaching mathematical topics
- become more confident in the mathematics classroom.

Completed study

The learner has completed the following:

Week 1

Introduction and guidance

Teaching and learning: whole numbers and decimals

Week 2

Teaching and learning: percentages and fractions

Week 3

Developing understanding of proportion and ratio

Week 4

Introducing algebra

Compulsory badge quiz (score 84%)

Week 5

Introducing functions and graphs

Week 6

Teaching and learning about geometry

Week 7

Developing understanding about using measures

Week 8

Working with data and uncertainty

Compulsory badge quiz (score 79%)