

CPD or M Level Module

Exploring Mathematics

Exploring Mathematics will challenge and engage your interest in mathematics, as well as develop knowledge which underpins confident mathematics teaching. Leave behind misconceptions and anxieties about mathematics and enter into an historical, investigative and creative journey. Mathematics is about problem solving, and problem solving is a creative process. What is needed is an open and inquisitive approach with the desire to improve your own understanding of what mathematics is.

The module will look at historical developments in mathematics within a global dimension, how mathematics surrounds us in the physical environment, and the cross-curricular teaching of mathematics.

This module of 30 master level credits can be used to count towards the award of full Masters qualifications (such as the LSBU MA in Education) or can be taken as a CPD course without assessment by qualified teachers.

This module aims to enhance your perception of mathematics beyond that of a core subject to be taught in a classroom, but as an integral part of children's every-day life. It explores history, geography, art, the global environment, within the context of a culturally diverse, inclusive society. Through completion of this module, you'll develop skills and knowledge to enhance your practice, and understand how mathematics can sit at the heart of a thematic and creative curriculum.

Topics

- The history of mathematics
- Multicultural mathematics
- Global Citizenship and Education for sustainability in mathematics teaching
- Using art and textiles within mathematics teaching
- Mathematics through stories and games
- Planning for cross-curricular mathematics

Career opportunities

This module develops and enhances your knowledge, understanding and confidence to teach mathematics effectively and creatively in a primary school. It also prepares you for aspects of management roles in school with regard to mathematics provision and general creative teaching.

Professional and industry links

This module gives you the opportunity to explore what creative and inclusive mathematics planning and practice is. Some sessions will be off the LSBU campus, for example, at the V&A museum, and in conjunction with partnership schools, so that excellent practice can be observed and critically discussed.

Entry requirements

- You are encouraged to show evidence of experience in mathematics teaching in their academic profile.

Location

Southwark Campus

Duration

Taught input 10 half days – Friday afternoons.

Self-study for assessment

Start date

September.

January (where there is a viable expression of interest).

How to apply

course.enquiry@lsbu.ac.uk
0800 923 88 88

Fees

M Level with assessment and full enrolment £900.

CPD £500.

Our enhanced partnership schools qualify for a 25% discount.

If you want to find out more about becoming an enhanced partner with LSBU please contact the partnership team: ahschoolspartnerships@lsbu.ac.uk

Module Contact

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