

MASTERING MATHEMATICS WITH IVYBRIDGE COMMUNITY COLLEGE

Teacher Subject Specialism Training (TSST)

The Teacher Subject Specialism Training (TSST) courses provide high quality professional development to those teaching or wanting to teach mathematics at Secondary and Tertiary levels.

The aims of the courses are to:

- Enhance your mathematical knowledge to give you confidence to teach mathematics
- Inspire your enthusiasm for mathematics
- Provide you with motivating activities and tasks for teaching mathematics
- Enhance your pedagogical skills in teaching mathematics.

The Secondary TSST course is focused on enhancing teaching of mathematics at Key Stage 3 and Foundation GCSE and is suitable for numerate teachers wishing to transfer over time to teach more mathematics, either at Key Stage 3 or Foundation GCSE Mathematics. The course is also open to returners to teaching who want to upgrade and revise their mathematical skills and gain up to date teaching experience.

This courses will aim to cover all topics in the Foundation Tier of GCSE including problem solving and there will be an option to extend your study to include Higher Tier topics in GCSE.

The Core Maths TSST course is focused on enhancing the teaching of the new Level 3 Core Maths courses; these are based on topics in mathematics and statistics needed for other disciplines, for example:

Biology, Physics, Chemistry, Psychology, Business Studies, Geography

These courses are suitable for numerate teachers wishing to transfer over time to teach more mathematics, either Core Maths or Key Stage 3 and GCSE mathematics as well as enhancing their skills for teaching relevant mathematical topics in their discipline. The course is also open to returners to teaching who want to upgrade and revise their mathematical skills, based on problem solving whilst gaining up to date teaching experience.

For state school teachers these courses are FREE, funded through the National College for Teaching and Leadership (NCTL) and run by Ivybridge Community College in partnership with the Centre for Innovation in Mathematics Teaching (CIMT) at Plymouth University.

There will be regular face-to-face sessions throughout the year, supported by e-learning and online assessment and accreditation from CIMT at Plymouth University. Face to face sessions will take place on the campus of Plymouth University (with free parking for participants). The campus is only 5 mins walk from the Train station at Plymouth.

There will also be opportunities to register for two 30 credit Masters degree module:

"Teaching Mathematics through Problem Solving"
and
"Teaching Mathematics for understanding"

Introductory meetings for both these courses will be held on

Wednesday 17th October at **Plymouth University**, 1630–1800 hours.

For further information and an application form please contact:

Liz Holland on liz.holland@plymouth.ac.uk

