



Maths Teacher Subject Specialism Training

Purpose of Teacher Subject Specialism Training

To improve the maths subject knowledge of non-specialist teachers by offering school-led teacher subject specialism training opportunities. This includes non-specialist teachers who could potentially teach maths in addition to their main subject and teachers who want to retrain as maths teachers.

To provide greater support to teachers wishing to return to the profession through access to subject specialism training courses.

The Maths TSST course is a well-established, innovative blended learning approach to developing the confidence and pedagogy needed to teach maths topics up to and including higher tier GCSE. The TSST is delivered in partnership with Avon Teaching School Alliance and The Centre for Innovation in Mathematic Teaching (CIMT).

Who is this course for?

The TSST course is aimed at teachers with QTS in the state sector (including secondary and middle schools, FE Colleges, special schools and PRUs) who are already teaching or plan to teach some maths at secondary/FE level. The course is also suitable for those returning to teaching after a career break.

For teachers meeting the criteria, this course is FREE through funding provided by the National College for Teaching and Leadership (NCTL) and is run by the Avon Teaching School Alliance at Malmesbury School. This course will be certificated by CIMT, Plymouth University.

Teachers who have either maths at A level or who had aspects of either subject as part of their degree would be ideal participants.

How to Apply

For more information and to register your interest for a place on the Maths TSST course at Malmesbury School please complete the online booking form or email avontsa@malmesbury.wilts.sch.uk

Please note to gain accreditation for this course there is an expectation that participants will attend the face to face sessions and also pass the on-line tests.



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Session	Session Title	Date	Time
1	Introduction to the TSST course/Support for content of online tests.	Wed 7 th Nov 2018	13.00–15.30 hrs
GAP task: Complete initial questionnaire and complete online tests - A (Computation): Fractions, decimals, percentages, and ratio.			
2	Teaching the New GCSE/Support for content of online tests.	Thurs 13 th Dec 2018	13.00–15.30 hrs
GAP task: Complete online tests –B (Number), D (Probability), C (Measurement): Indices, Factors, Multiples, Probability, Area, and volume.			
3	Differentiation/Support for content of online tests.	Mon 14 th Jan 2019	13.00–15.30 hrs
GAP task: Complete online tests - E (Data analysis) Analysing data, representing data.			
4	Teaching problem solving in Mathematics/Support for content of online tests.	Tues 5 th Feb 2019	13.00–15.30 hrs
GAP task: Complete online tests - F (Algebra): Manipulating algebra, solving equations, solving quadratics, solving inequalities.			
5	Planning: Short, medium and long term/ Support for content of online tests.	Thurs 7 th Mar 2019	13.00–15.30 hrs
GAP task: 1) Complete online tests: G (Relations, functions and graphs), H (Angle geometry): Coordinates, graphs, functions, angles, loci, construction, congruency and similarity. 2) Observe two maths teachers; bring your observations to the next session.			
6	Planning – What makes a good maths lesson? / Support for content of online tests.	Thurs 28 th Mar 2019	13.00–15.30 hrs
GAP task: 1) Complete online tests - I (Geometry and trigonometry), J (Transformations and vectors): Pythagoras, Trigonometry, Reflections, Rotations, Enlargement, Transforming graphs, Vectors and Matrices. 2) 30 minute teaching task – ideally observed by Faculty mentor and feedback given. Be prepared to share your experiences at the next session.			
7	Practical activities to transfer into the classroom. Support for content of online tests.	Thurs 13 th Jun 2019	9.00–15.30 hrs
GAP task: Complete all outstanding online tests by 30 th June. Complete review questionnaire.			
8	Optional session to review any areas from online tests with tutors	Tues 18 th Jun 2019	13.00–15.30 hrs
9	Practical activities to transfer into the classroom and final review	Wed 26 th Jun 2019	9.00–15.30 hrs

