

Maths Teacher Subject Specialism Training

Are you a non-specialist teacher who would like to become a confident and effective teacher of Maths? Enrolling to the Maths TSST course could be ideal for you and it's free!

Programme Objectives

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).

The Maths TSST aims to support non-specialist teachers into becoming confident and effective teachers of Maths. **ALL TRAINING IS FREE** to schools and participants. This is a JMC-enabled community approval course.

Who is this course for?

For teachers meeting the criteria, this course is FREE through funding provided by the DfE. This includes:

- non-specialist teachers who could potentially teach Maths in addition to their main subject
- non-specialist teachers who are currently teaching a Maths either full-time or in addition to their specialist subject
- teachers looking to return to the profession
- teachers who have either maths at A level or who had aspects of the 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, please complete the online booking form on: <https://avontsa.com/cpd/maths/> or email avontsa@malmesbury.wilts.sch.uk The course will be held at River Mead Primary School in Melksham.

Please note to gain accreditation for this course there is an expectation that participants will attend both face to face and online training sessions and also pass the online tests. Sessions marked* will be delivered interactively using the *Big Blue Button* online classroom.



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Session	Session Title	Date	Time
1	Introduction to the TSST course/Support for content of online tests.	Thurs 17 th Oct 2019	13.00 -17.00hrs
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.	Tues 19 th Nov 2019	14.00 – 16.00hrs
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 9 th Dec 2019	13.00 - 17.00hrs
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 7 th Jan 2020	14.00 – 16.00hrs
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 23 rd Jan 2020	13.00 - 17.00hrs
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.	Tues 11 th Feb 2020	14.00 – 16.00hrs
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.	Tues 10 th Mar 2020	13.00 - 17.00hrs
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 21 st Apr 2020	14.00 – 16.00hrs
9	Practical activities to transfer into the classroom and final review	Mon 8 th June 2020	13.00 - 17.00hrs

