

Chorlton High School

is pleased to be able to offer free Teacher Subject Specialism Training (TSST) courses in Secondary Physics and Mathematics aimed at non-specialist teachers.



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HAPPY



Teacher Subject Specialism Training

Mathematics

Course Dates:

Please note that all sessions will run from 4:30pm - 6:30pm at Chorlton High School, M21 7SL

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| 8th Nov | Session 1: Introduction, Subject Knowledge Assessment, Number and Calculations |
| 13th Dec | Session 2: Algebra |
| 17th Jan | Session 3: Shape and Geometric Reasoning |
| 7th March | Session 4: Ratio and Proportions |
| 25th April | Session 5: Statistics |
| 20th June | Session 6: Knowledge recall and Final Subject Knowledge Assessment Pedagogy, Mastery and Reasoning |



National College for
Teaching & Leadership

Teacher Subject Specialism Training Mathematics

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Overview

A key focus of the course will be on the new mastery (Singapore Maths) curriculum and each participant's ability to teach fundamental mathematical skills. This is continuing the pedagogy that Primary schools are now delivering when enhancing mathematical subject knowledge. Participants will feel confident and well supported in the delivery of Mathematics at both KS3 and KS4.

There are ten areas of subject knowledge, interweaved with a range of teaching approaches, from which each participant will identify their areas of strength and development.

Participants will be asked to complete a subject knowledge audit at the start of the course. This will take the form of straightforward test questions in a GCSE style and questions which require some further reasoning.

Course Requirements

To be considered for this course, you need to have achieved qualified teacher status (QTS) in any subject other than Mathematics. The course is best suited to those teaching or intending to teach KS3/ KS4 Mathematics in the near future. We appreciate that not all participants will begin the course at the same point which is why all sessions will have two Mathematics specialists as facilitators to allow for smaller group work or individual support where required.

Online Learning

A monitored online subject enhancement platform will also be available to all participants and will be tailored to their individual needs. This will be offered through www.cimt.org.uk/ske/ and www.mymaths.co.uk

In addition, accounts with several excellent external resource providers will also be offered.

Each participant will work alongside a dedicated coach. The coach will provide intensive support between sessions with lesson observations and classroom experience, feedback, collaborative planning and delivery to ensure participants are fully skilled in the mastery approach with a high level pedagogy.

Independent Learning

Participants will be encouraged to complete independent study on the online learning platforms provided. This will involve reading tailored materials regarding the 38 topics they will be studying. The completion of an end of strand audit will assess their subject knowledge and form part of their evidence folder.

Participants will also develop their ability to plan and employ a range of engaging teaching strategies. Therefore, sample material such as lesson plans or presentations will be required to be developed between sessions. In turn, this will allow participants access to a wide range of high quality lesson plans and resources to then use within their own classrooms.

Teaching & Learning

Subject knowledge and pedagogy will be simultaneously delivered to ensure that participants are fully able to grasp the content covered, understand where and why pupils may have misconceptions and how to effectively address these through use of highly effective teaching strategies. CHS prides itself on being recognised locally as a centre of excellence for teaching and learning. This will be highly evident through the wide range of engaging strategies and resources which participants will be encouraged to trial within their own classrooms.

Each participant will have the opportunity to be visited in their own school during the course of the year to monitor how their own development is impacting upon classroom practice. For returners to teaching who do not have a current school, or those who are not currently teaching Mathematics, they can receive more in-house classroom experience at Chorlton High School as an alternative.

Certification

Upon successful completion of the TSST Mathematics course, JMC (Joint Mathematical Council of the United Kingdom) accreditation will be awarded. Furthermore, Manchester Metropolitan University are willing to award 30 Masters Credits towards the APEL unit upon successful completion- more information about this will be provided in the first session.

These courses are open to all qualified teachers who are not specialised in the subject they are applying for.

For further information or to book a place on one of our courses please contact:

Caroline Morgan via email: c.morgan@chorltonhigh.org.uk

