

MATHEMATICS TEACHER SUBJECT SPECIALISM TRAINING (TSST)

Are you considering a change in subject?

If so come and join our free Mathematics TSST course

Target audience:

NON-SPECIALIST TEACHERS: Teachers who want to develop or improve their maths subject knowledge in order to potentially teach maths in addition to or instead of their main subject.

RETURNERS TO TEACHING: Teachers who want to return to the profession to teach maths.

Programme features:

School-led and school-based, bespoke and differentiated to participants' needs and starting points.

Develop deep subject knowledge for teaching, including key concepts, misconceptions, processes and connections within maths.

Initial meeting with course leader, audit and self-evaluation of current maths subject knowledge, prior maths qualifications, experience and confidence - completed before the summer break or early September.

The programme will be delivered through a blended learning approach, comprising face-to-face taught sessions, workshops, online self-study material, lesson observations, mentoring and support with planning.

Taught sessions will include a minimum of 12 x 3 hours pm/twilight 'essentials' focused on a broad range of topics spanning the KS3/4 curriculum, with further 'options' including A' level and Core maths.

There is no cost for the course. Support from the school/academy Head/Principal is required.

For further information about CLF Maths Teacher Subject Specialism Training please contact:

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Teacher Subject Specialism Training: Secondary Mathematics

Session 1	Initial audit of SKfT needs; KS3 focus on number – including approaches to calculators, proportional reasoning, teaching for ‘mastery’
Session 2	All things algebra – nuts and bolts, and developing confidence in algebraic reasoning and problem solving
Session 3	“the story of the triangle” – introduction to geometry in KS3&4
Session 4	Statistics with meaning – handling data in authentic context, charts, graphs and averages
Session 5	Developing algebra and graphs , including focus on quadratics; transformation of graphs
Session 6	Shape, space, measures, vectors and problem solving
Session 7	Probability and statistics
Session 8	Exam specification and examiners’ reports
Session 9	Number patterns, sequences, series
Session 10	Introduction to calculus
Session 11	Introduction to mechanics
Session 12	Introduction to discrete