

Teacher Subject Specialist Training programme for Maths and Physics

KS3, KS4 and FE

Is your school one of the many with a shortage of specialist maths and physics teachers?

Does your school have high quality staff who could be skilled up to teach mathematics or physics?

Working with Nottingham Trent University and the Institute of Physics, we have designed a course that will develop teachers' subject and pedagogical knowledge to enable them to teach 11-16 maths or physics with confidence, and numeracy skills at FE.

Participants say they thoroughly enjoy this course, they are learning a great deal and are able to make use of their new learning, with 70% saying this is already impacting on pupil outcomes.

“ I am already building new knowledge into SOL.

“ I am embedding what I have learnt into my teaching practice.

Maths

Launch Event
Numbers
Proportional Reasoning
Algebra & Sequences
Geometry/Shape
Statistics & Straight Lines

Physics

Launch Event
Motion & Forces
Energy
Electricity & Magnetism
Waves & Oscillation
Radioactivity & Space Physics

Access £1500 worth of free training!

We are offering a limited number of fully funded places. Eligible schools will attract a £300 cash payment for completing the programme.

This programme is particularly suited to specifically meet the needs of:

- Schools who are over-staffed in some areas and wish to redeploy good teachers to teach mathematics or physics
- Primary trained teachers now working in secondary teaching nurture groups
- FE tutors teaching level 1 & 2 mathematics or numeracy
- Teachers currently teaching out of specialism
- Scientists who are currently teaching but are not trained physicists.
- Teachers returning after a break from teaching
- Teachers wanting to increase their job prospects through being able to offer a second subject specialism
- TAs wishing to specialise in physics or mathematics*

**Some groups may not qualify for this and may be asked to pay for the course.*

Participants will have access to:

- Personalised support to meet their individual needs
- Access to a rich source of resources both online and offline
- An in-school mentor
- Certification, and options for accreditation if desired
- Support to consistently deliver inspiring lessons to a high standard throughout the school year

Areas of course focus include:

Maths

Key elements of the KS3 and GCSE curricula; reasoning; problem solving; multiple representations; teaching for depth and understanding; teaching and learning strategies; common difficulties and misconceptions in maths.

Physics

Motion and forces; energy; electricity and magnetism; waves; radioactivity; teaching for depth and understanding; teaching and learning strategies; common difficulties and misconceptions in Physics.



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For further information and to book a place please contact:

➤ mathshub@george-spencer.notts.sch.uk or call

☎ 0115 917 0100

These places will be offered on a first come first served basis.