

PHYSICS

Teacher Subject Specialism Training (TSST)

Target audience:

Science teachers wanting to develop or update their physics subject knowledge
Teachers who want to return to teaching in science and physics

What is on offer?

- School-led, bespoke training taking into account participants needs and starting points
- Hands-on approach in well-equipped science laboratories, led by experienced NSTA Physics teachers and University of Bristol ITE lecturer
- An opportunity to enhance your knowledge, giving you renewed confidence to enjoy teaching this challenging subject
- The course is free. No financial costs to participants, plus funding to compensate school for teacher absence during half-day sessions (cover allowance)
- £200 equipment grant to successful participants for new equipment or teaching resources

IOP Institute of Physics

- Quality assured - IOP (Institute of Physics) enabled, community approved course.
- Led by experienced teachers and lecturers who understand the demands of Secondary physics teaching with up-to date knowledge of the new GCSE and Ks3 National Curriculums in science
- Teachers who successfully complete the course will be awarded a TSST certificate, assisting them in become confident and consistent outstanding teachers
- Optional Master credits module available.

PROGRAMME OUTLINE

Taught sessions will be a minimum of 35 hours, primarily delivered in a series of half-day and twilight sessions at Backwell School between October 2018 and June 2019.

All major areas in Physics for Ks3 and Ks4 will be covered with a combination of practical, conceptual and misconception based sessions. The latest approaches to teaching the concepts of electricity and energy will be a particular focus. Other content, including select Ks5 concepts will be determined by the needs of the delegates.

EVALUATION COMMENTS FROM PAST DELEGATES

‘has been excellent at helping improve my subject knowledge’, ‘love to do more of these courses’, ‘I have felt more confident’ and ‘the demonstrations & practical ideas have really helped my understanding’.