

Physics Teacher with Responsibility for KS4 Physics

Additional Information

Physics is taught as a separate discipline from Year 8 upwards and in Key Stage 4, students follow GCSE courses in Triple Science (Biology, Chemistry & Physics) or Combined Science from the AQA examination board. At A Level, most students receive between 6-8 hours of tuition per week split into two or three sessions. The longer sessions allow plenty of time for practical work, consolidation and enrichment opportunities such as external speakers, educational visits and academic competitions.

The Science Department has 11 laboratories, including two interconnected laboratories which opened in September 2021. All laboratories are well equipped for experimental work and have access to electronic whiteboards. There are ample resources to enhance teaching including the in-house online curriculum and MS Teams, which are valuable tools for both staff and students to access lesson notes and revision materials. We also have two experienced laboratory technicians supporting the teaching staff with their lesson requirements.

Thomas Telford School has an excellent reputation for achieving outstanding examination results. We also have a proven track record of students successfully gaining places at Oxford and Cambridge University to study Physics or Engineering.

We are keen to provide enrichment opportunities for students studying the subject such as inviting speakers, organising educational visits (e.g. CERN in Geneva) and taking part in the Physics Olympiad. A willingness to contribute to this may be an advantage.

The successful candidate should possess a relevant degree, work well with others in a team environment and be able to deliver high quality engaging Physics lessons at Key Stages 4 & 5. This post would suit a recently qualified teacher or an experienced member of the profession looking to bring new ideas to a successful Science department.

If you wish to find out more about the school or the Science department, please contact the school to arrange a visit. I look forward to receiving your application.

Emma Powell
Deputy Head (Science)

Key aspects of the job are:

- To plan & deliver the Physics aspects of the Key Stage 4 and Sixth Form curriculum
- To be responsible for the Physics curriculum in Key Stage 4
- To regularly update the Head of Physics on progress towards meeting KS4 performance targets,
- To prepare students for all external examinations
- To monitor student progress and provide written & verbal feedback
- To communicate with parents via reports, personal tutors and phone calls home if required
- To enforce the ethos of the school to maintain high standards of behaviour and school dress
- To collaborate with other Science staff to plan and provide enrichment opportunities within Physics