

## Information about the Curriculum Area



### The Science Faculty at Penwortham Priory Academy

Welcome to the Science Department here at Penwortham Priory Academy.

The faculty consists of six members of staff and one technician. Our aim is to provide the very best science education for our students. To that end, science is taught in innovative, spacious and flexible learning spaces, which we urge you to come and see. Alongside this, students have access to an iPad scheme to enhance their learning and independence beyond the classroom.

Students typically arrive at secondary school full of enthusiasm and wonder when it comes to science. It is our job to harness that curiosity and allow students to grow into well rounded individuals with a strong knowledge and understanding of the world around them. As such we continually reflect on and refine our curriculum to ensure it allows students to achieve their maximum potential. A good proportion of students opt for A-level sciences, offering an indication of our success.

Alongside the formal curriculum, we offer a wide range of enrichment opportunities. These include clubs, competitions, trips and visits, as well as Astronomy GCSE. The success of these has seen us win awards for our STEM work in recent years. Jamie Edwards, one of the world's youngest fusioners, is an ex-student whose efforts were heavily supported by his science teachers.

The pillars of Priory are essential to our day to day teaching and our journey to great. We are committed to our aim of the very best science education. This requires a commitment to each other, to sharing good practice, and to a strong sense of team. The successful candidate will be an excellent classroom practitioner, but also someone who habitually reflects on their practice in order to improve both themselves and the opportunities they provide for our students.

Having 10 years of teaching experience, I myself am fortunate to be joining Priory in September as Head of Science. I am passionate about the use of research and theory to improve both practice and outcomes. I believe the life chances of students can be improved through the acquisition of 'powerful knowledge' and am in the process of developing a 'reading list' for the department. The successful candidate will be expected to contribute to faculty discussions around such suggested items. The next few years will be an exciting time of growth and development in the science department as we look to raise attainment and progress beyond expectations.

I look forward to receiving your application.

Mr David Bedford  
Head of Science