**Twynham Learning**

Teacher of Science

**The Department**

The Science Department is an experienced forward thinking team that has a clear focus on children’s understanding of science. Colleagues work collaboratively, sharing best practice in teaching and learning, and have undertaken significant deconstruction of the curriculum to support how children learn in science.

Outcomes in Science at both GCSE and A-level are good but what is equally pleasing is the understanding of students that is built throughout the Key Stage 3 curriculum. The department continues to reflect carefully on scientific understanding and student misconceptions and is using this to develop really high quality programmes of study.

The team comprises of 16 teaching staff supported by experienced technicians.  Specialisms across the Sciences are well-catered for and therefore we would welcome applications from candidates with a background in any of the 3 Sciences, as well as from potential NQTs alongside more experienced colleagues. We would however be particularly pleased to receive applications from those with an ability to teach Physics.

We are a friendly, hardworking team of professionals enjoying excellent relationships with students.  For many years we have supported the training of science teachers. As part of our Teaching School status we lead the Bournemouth Poole and Dorset Secondary Training Partnership, and are responsible for the training of a range of ITT students. We are therefore very familiar with inducting colleagues into the team and making them feel welcome.

### **Curriculum**

At KS3, we have developed a spiral curriculum where students revisit the same central concepts year on year. This will extend into KS4 as we begin teaching the new GCSE curriculum.  Outcomes in Science at both KS3 and at GCSE are consistently well above the county and national average. At GCSE, we currently follow the AQA science course for both year 10 and 11. Schemes of work and resources are placed on the school gateway allowing student access whilst at school and at home. This allows students to easily revisit a lesson or catch up with work if they have been absent.

We set students from years 7 to 11 and our most able students at Key Stage 4 are encouraged to study separate sciences. We currently have two sets out of ten taking triple science this summer.

At A-level the sciences are very popular. Approximately 50% of the 6th Form will join us from other schools making a strong mix of students committed to studying 3 A-levels with the aim of continuing on into higher education. There are currently four AS Biology (OCR B) classes in year 12 and three sets in year 13, three chemistry (OCR A) classes in year 12 and two in year 13, and two classes in both year 12 and year 13 studying physics (OCR A). Our A-level students play an active role in supporting the curriculum, with principle students supporting learning across the school.

We have developed an enrichment programme to support our most able scientists in their applications for top science universities and medical school. This year we have 3 students preparing for BMAT.

**Facilities**

We have excellent facilities including 11 dedicated and networked laboratories, and a well-equipped science department work room. All staff have a laptop and each laboratory is equipped with a digital projector and white board. We have invested heavily in technological resources to support both teaching and learning. All laptops have Boardworks, PowerPoints and electronic workbooks for Key Stages 3 and 4. The faculty have access to iPads and we have sets of new data loggers which enable students from all key stages to collect and analyse data. Students enjoy access to outstanding information and communication technology facilities with a comprehensive learning Gateway.

#### The Appointment

This position has due to the growth of the department and the opportunity for colleagues to work in other schools within the MAT.

**Further Information**

Applicants are invited to contact [kate.ball@twynhamschool.com](mailto:jy.taylor@twynhamschool.com) Assistant Headteacher, in the first instance.

#### Salary

Salary will be MPS/UPS.

#### Expenses

The school will meet the reasonable expenses of interviewed candidates within the UK mainland but regrets it cannot assist with the removal expenses of the successful candidates.

#### Application Forms

Completed forms should be emailed to [recruitment@twynhamlearning.com](mailto:recruitment@twynhamlearning.com) or you can apply via the TES.