



**September 2019**

## **SCIENCE DEPARTMENT PROFILE**

The Science Subject Team has consistently contributed to the high level of performance of pupils in the school at both key stages and teachers are committed to ensuring that all pupils at The Forest School achieve their best.

Our aims are to deliver high standards of teaching and learning, outstanding results at all levels and to promote the role of Science in society and as a future career. Science is a very popular subject with results above the National Average. As a boys' school we consider ourselves to be experts in boys learning. Consequently, Science lessons are active, innovative, pacy and often appeal to boys' fondness for competition and challenge.

Science is delivered by nine members of staff and supported by two technicians. At Key Stage 3, pupils have six periods per fortnight and at Key Stage 4 each course has an allocation of between 8 and 12 periods per fortnight. There is a balance of specialist staff who all teach across both key stages. This allocation will be changing over time to allow for the demands of the new curriculum and our options changes.

We have a two-year Key Stage 3 during which we follow the QCA scheme. Pupils in Year 7 and Year 8 are taught in mixed ability classes. At Key Stage 4 we offer both Triple Science and Trilogy Combined Science. In the case of Triple Science, Biology, Chemistry and Physics are taught as separate subjects by all members of the science team.

The Department is well resourced with eight laboratories and two preparation rooms. Teachers generally teach in their own laboratory and all laboratories have interactive whiteboards.

As a subject team we enjoy sharing ideas and working together and there is ample scope for the person appointed to help to build on the successful developments to date. We pride ourselves on the quality of our relationships with pupils and the high standards that are achieved. We offer a range of extra-curricular activities, including a very well-attended Science Club, a Science Clinic, visits and trips as well as promoting extension opportunities for our gifted and talented pupils.

The person appointed to this post will be expected to contribute to raising standards of achievement through the development of Assessment for Learning (APP) and the effective use of data and intervention strategies, and helping to strengthen the Team's teaching and learning strategies to further enhance pupil engagement.

Enthusiasm and high energy levels are a must, together with a positive attitude. Good interpersonal skills, a high level of motivational skills and the ability to work well under pressure are all key attributes for this post.

You will make a difference.