



“Maximise the progress of all students, regardless of ability.”

The successful applicant will join a team of seven highly motivated professionals in enabling students to maximise their potential by developing a deep understanding of mathematics through engaging, challenging and enjoyable Mathematics lessons. The faculty has a friendly and supportive atmosphere with teaching and learning at the centre of everything we do and staff are supported in continually developing their practice as we all strive for excellence. Development work is often carried out as a team due to the positive working relationships within the faculty and we have formed excellent relationships with the various members of The Redhill Academy Trust that we continue to work with. We are also a strategic partner of the local Maths Hub. This work provides opportunities for further professional development as well as collaborative planning and training with staff at a wider network of schools.

The accommodation for Mathematics at Park Vale is in a brand new Academy building that opened in September 2017. We have six specialist teaching rooms and a fully equipped ICT suite. All rooms have an interactive whiteboard or new HD Flat Panel Display.

The school as a whole is in a very exciting phase of curriculum development which is motivated by a need to increase the emphasis on achievement in Maths and English as well as the major changes to the program of study and particularly the new 1 to 9 GCSE. As a result of this we have a three-year Key Stage 4 and students have increased hours of Mathematics in Year 11.

Key Stage 3

Currently students are taught in year groups and set according to attainment data. The classes are carefully organised and monitored to maximise the progress of all learners, regardless of ability. Students follow a course based on a scheme of work developed in conjunction with the East Midlands East Maths Hub using materials designed by our Lead Practitioner using his research into and experience of the Mastery approach to teaching mathematics. These materials include problem solving, functional mathematics, rich tasks and thinking skills alongside numeracy strategy units.

Key Stage 4

As in Key Stage 3 students are taught in sets. We follow the AQA Linear syllabus. Teachers can expect to follow their groups throughout Key Stage 4 to provide consistency in these crucial years. A highly structured and successful intervention programme is in place at Key Stage 4 in order to support the whole school priority of raising attainment and progress of students in English and Maths. In addition to GCSE Mathematics we also offer appropriate students the chance of studying the AQA Level 2 in Further Maths.

We are looking now to add to our team an energetic and enthusiastic teacher who can take an active part in all these aspects of Mathematics at Park Vale Academy.

In the next two years the department considers its main priorities to be:

- Increase the level of challenge and engagement at Key Stage 3.
- Continuing the improvement in the percentage of 4-9 grades.
- Increase the percentage of students achieving 5-9 grades.
- Improve the progress measures for all students.
- Preparing students to be functional in mathematics problem solving skills both for the purpose of exam success and in the world of work.
- Teaching and learning development on questioning, providing quality feedback, independent learning and effective revision techniques.

Nick Hay
Head of Mathematics, Park Vale Academy