

Head of Maths (Full time from January 2020)

Leighton Park School is a successful, forward looking independent (HMC) day and boarding school for approximately 450 pupils aged 11-18. Set in more than 60 acres of magnificent parkland, the school has a Quaker heritage, balancing commitment to academic excellence with that of developing every individual.

The Curriculum

Fryer (Years 7 and 8) -

In the first two years, *MyMaths* textbooks are used as the main resource (top level 1C in Year 7 and 2C in Year 8 with the corresponding Homework books) but are supplemented with other resources including the *Myimaths* online programme, *Boardworks*, *Key Maths* books, *10 Ticks* and *Zig-zag* worksheets. Classes are taught by ability in two sets from Year 7.

Senior School (Years 9 to 11) -

In Year 9, pupils are placed in four sets, and use the *MyMaths* textbooks (continued from the two previous years) as the main resource, but in the summer term they start the IGCSE course, with their final examination at the end of year 11.

In Years 10 and 11 pupils continue to work in sets according to ability. We review our setting regularly in order to make sure that each pupil is in the set which enables them to make the most effective progress. Pupils work from the *IGCSE Mathematics for Edexcel (Specification A)* textbooks (Hodder Education). These are complemented by *Boardworks*, *10 Ticks* and *Zig-Zag* worksheets as well as the *Myimaths* online programme.

Pupils take the Higher Tier International GCSE (Edexcel Specification A) examination. They are tested on topics on a half-termly basis. In addition, Year 10 pupils have a formal test-week in November (tests take place in lesson time). Year 11 have their trial examination in January, after which a very small number of pupils of lower ability might be considered to be entered for the Foundation Tier.

The higher ability pupils in Years 10 and 11 are encouraged to study Additional Mathematics for OCR.

Sixth Form -

Mathematics has a very high uptake in the Sixth Form: around 60% of sixth-form pupils take the subject. The department currently teaches the AQA course for A-level. There are currently three sets each in the Lower and Upper Sixth studying Mathematics A-level and one set each year studying Further Mathematics. With the introduction of the International Baccalaureate in 2009, we currently have students studying Mathematics at Higher Level, Standard Level or Mathematical Studies at Standard Level.

All students use the *Myimaths* and Integral Maths online programmes, *Autograph*, *Geogebra*, *Geometers Sketchpad* programmes as appropriate to their syllabi. They also use Graphical Display Calculators to enhance their learning.

The Department

Teachers in the department meet weekly for scheduled department meetings. There are occasional brief meetings for specific year teams. Members of the department take on individual responsibilities according to experience or expertise. The department is based in dedicated accommodation – the purpose-built John Ounsted Building, consisting of a suite of six classrooms, all with Clever Touch screens whiteboards. There is a common work area with two computer terminals, and a store-room. With eight members of the department (six full-time and two part-time), every attempt is made to locate a high proportion of each teacher's timetabled teaching in one room, so that this can be regarded as a base.

The Post

The School is seeking a full time Head of Maths from January 2020. The successful candidate will be qualified and experienced teacher of Mathematics with a good Mathematics degree and ideally experience in leading a department, however we also welcome applications from experienced teachers who are looking for career development. You will be able to teach A-level and will be a strong leader for the department. Experience in teaching the International Baccalaureate Diploma Programme would be an advantage.