**Teacher of Mathematics**

**Full time, permanent**

To start from September 2018, we are looking for an exceptional Maths teacher who will inspire and motivate students in this ‘Outstanding’ Bath boys’ lower school and large mixed Sixth Form. We need someone with dynamism who will aspire to the unconventional and create a buzz, and excitement both within and beyond the confines of the classroom. The successful candidate will have to demonstrate the potential to deliver outstanding academic results and exemplary classroom practice. This position is suitable for NQTs.

The Maths examination results are excellent both at GCSE (91% achieving Grade 4 or better) and A’Level (Maths 76% A\*-C and Further Maths 72% A\*-C). Uptake at A’level is large – typically over 120 students opting for A’Level Maths each year. The Maths Faculty is proud of the many students who continue Maths and Maths related subjects at university including Oxbridge. The successful candidate will be expected to teach Maths up to A’level and it is desirable to be able to teach A’Level Further Maths.

The School has a vibrant extra-curricular life which includes sport, music, debating and public speaking. A willingness to contribute will be a clear advantage. Further details are available on the website or from the Headmaster, Mr A Davies, to whom application should be made by application form and letter, by noon on Monday 22nd January 2018. Interviews are currently planned to take place on Wednesday 31st January.

**Job Specification: Full time Teacher of Maths**

Accountable to the Head of Maths

### Curriculum

1. To Teach KS3 Maths, GCSE Maths, A’level Maths and possibly Further Maths.
2. To assist in the creation of schemes of work.
3. To ensure that pupils receive timely and high quality feedback in accordance with the faculty policy.
4. To assist in internal assessment procedures and reporting to parents.
5. To be prepared to take on a suitable area of responsibility within the team by agreement with the Team Leader as part of appropriate professional development.
6. To be aware of, and observe, relevant health and safety practices.
7. To write references and reports as requested.
8. To liaise with tutorial/pastoral staff over work, progress, discipline and attendance

#### Administration

1. To attend and contribute to Maths Faculty meetings.
2. To communicate with parents as necessary.

#### External matters

1. To keep abreast of developments within the subject(s).
2. To attend INSET training as required.

**Person specification**

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| **Specification** | **Essential** | **Desirable** |
| Relevant qualifications and training | * Qualified teacher status. * Graduate qualification in Maths or related subject. | * Relevant in-service training. |
| Experience | * Ability to teach up to A’level Maths * Experience of planning and delivering stimulating and engaging lessons that ensure pupils make rapid and sustained progress. * Experience in using assessment to motivate and stretch pupils and to intervene where required. * Knowledge of recent changes to the GCSE and A-level Maths curriculum. * Use of data to monitor pupil progress and inform future planning. | * Ability to teach A’level Further Maths * Track record of ensuring high levels of achievement. * Involvement in extra-curricular activities with the school. * A willingness to share experience and skills with other teaching staff. * Experience of disseminating good quality teaching and learning to others. |
| Personal qualities | * Commitment to the highest quality of teaching and learning. * Excellent communication skills. * Ability to function as an excellent team member. * Vision combined with good analytical and evaluative skills for identifying priorities for change and improvement. * An ability to be innovative within Health & Safety constraints. * The ability to share, (including by example), in the responsibility for maintaining discipline and high standards of courtesy and appearance among the pupils while promoting their welfare, safety and happiness. * Energy and enthusiasm. * Ability to form good relationships with students, pupils, staff, governors and parents. * A willingness to contribute to the development of the department. | * A sense of humour. * The desire to help others achieve their aspirations. |

**The Maths Faculty**

The Maths office is situated in the Main School building. We have six of our own classrooms on the same corridor and most of the Maths teaching in the school takes place here. Each member of the Faculty has their own workspace with computer in the Maths office. We are a very supportive team and the office is an easy place to share ideas. This has played a very large role in our successes over recent years.

We aspire to give all pupils the opportunity to aim high and achieve the very best they can. There is a culture of high expectation and a refusal to give up!

Pupils from years 7 to 11 are placed in sets based on prior attainment - in year 7 this is their class group based on a combination of CAT and SAT scores, from year 8 onwards this is based on our own internal Maths assessments. We constantly monitor these setting arrangements and try to move boys when we deem it in their best interests.

We have devised our own scheme of work in years 7 to 9, loosely based on the old National KS3 Framework. We try to place a strong emphasis on problem solving with boys in all classes expected to be positive, careful and resilient.

In years 10 and 11 boys prepare for the AQA GCSE. Last summer 80% were entered at Higher Tier, achieving 91% grades 9 - 4 and 43% grades 9 - 7 with a progress 8 score of +0.81.

In the sixth form we offer Edexcel A Level Maths and Further Maths. Further Mathematicians sit A2 Maths at the end of year 12 and A2 Further Maths at the end of year 13.

We endeavour to provide as many pupils as possible with opportunities beyond the classroom and enter large numbers in all levels of the National Maths Challenges each year. In addition we enter local team competitions, attend Maths events at both Bath and Bristol Universities and regularly send sixth formers to the Maths Inspiration lectures in Bath.