

## **JOB DESCRIPTION**

### **LEAD PRACTITIONER FOR MATHS;**

#### **more Able at KS4 and KS5**

##### **CORE PURPOSE**

- To develop a clear and coherent policy for teaching Maths for the more able, particularly at KS5;
- Assist the Co-ordinator of Sixth Form Maths in identifying the development and training needs in maths;
- Support, guide and motivate students in preparing to study maths at University;
- Prepare and support students sitting MAT, STEP and AEA papers;
- Develop and organise the extra-curricular mathematical activities at KS4 and KS5 for the more able, particularly those taking further maths;
- Co-ordinate and prepare students for the Junior, Intermediate and Senior UKMT Maths Challenges;
- Co-ordinate and resource resit GCSE Maths for students in Years 12 and 13.

**Reporting to:** Co-ordinator of Sixth Form Maths

**Liaise with:** SEND staff and the 6<sup>th</sup> form pastoral team

##### **STRATEGIC DIRECTION**

- Identify relevant school and department improvement issues to support the continued progress of effective teaching and learning;
- Support the Director of Maths in ensuring the Maths department promotes, and lives, the vision for the school and the school motto: Aspire, Believe, Achieve;
- Define and agree appropriate improvement targets by analysing and interpreting relevant data for your designated area(s) of responsibility;
- Proactively contribute to department meetings and INSET days by providing guidance and support on teaching and learning, as well as contributing to other aspects of department work e.g. effective and regular communication between both campuses;

- Implement and adapt, where necessary, department strategies, resources and curriculum issues across both campuses to ensure consistency, in conjunction with the Director of Maths;
- Regularly contribute to the Learning Zone and the school website ensuring that resources are relevant and up-to-date and high quality.

## **TEACHING AND LEARNING**

- Model outstanding practice and to be observed as necessary so that staff can develop their own understanding of what good or better learning looks like;
- Identify continuing professional development needs for individuals and the department team as a whole;
- Regularly undertake surveys and use student feedback to raise both levels of student engagement and achievement within maths, sharing best practice with the maths team and the school as a whole;
- Plan and deliver high quality training and INSET sessions to staff in department meetings, twilights and staff training days;
- Provide the Director of Maths with relevant curriculum and monitoring and evaluation information in relation to high quality teaching;
- Develop resources to support the teaching and learning of gifted and talented students in Maths;
- Contribute to the KS4 & KS5 schemes of work to support the teaching of gifted and talented students in Maths;
- Co-ordinate the Maths ASPIRE programme for Key Stage 5 students which includes trips and competitions.

## **ENSURING BEST PRACTICE**

- Develop and embed new and effective approaches to teaching and learning across the department;
- Seek out exceptional practice that exists within the school, and from other institutions, and share this with teachers so that we continually improve our practice;
- Sustain outstanding practice and personal expertise in your own classroom by constantly reflecting and refining in order to be a role model for staff;
- Identify educational research to enhance existing practices;
- Create new and high quality teaching materials and resources;
- Support and provide coaching where appropriate for staff new to teaching A level Maths;
- Support teachers in creating positive behaviour management through good teaching.

## **ETHOS, STAFF AND RESOURCES**

- Help promote an ethos and culture within the department that is in line with achieving the aims of the school;
- Help create an effective and stimulating environment for teaching and learning.

In addition to these specific responsibilities the post-holder may be required to undertake any additional responsibility that might reasonably be deemed to be part of the job.

February 2018