



Second in Mathematics

The Second in Mathematics will support the Assistant Vice Principal for Mathematics to carry out his role. The emphasis will be on promoting effective teaching and learning, securing good or better outcomes, helping to lead, manage and develop a specific area of the curriculum and working to enhance the teaching practice of other teachers within the Faculty.

The successful candidate will also be required to promote interest and enjoyment in the work of the Faculty through extra-curricular activities or opportunities.

Major responsibilities will include;

Quality of learning

- Monitoring the quality of learning through classroom observation, work sampling and analysis of the outcomes of learning
- Establishing and monitoring achievement targets for each subject and each class
- Ensuring that teachers know the prior learning and achievement of their students
- Monitoring, managing and supporting the work of the Key Stage Co-ordinators to ensure that effective schemes of work are in place for each course
- Ensuring that school curriculum policies are enacted within the Faculty
- Supporting the development of individual members of the Faculty
- Developing the use of new technologies to support effective learning

Other activities

- Acting in conjunction with the Faculty Leader as the second stage in the discipline and support structure for students.

Ethos and Environment

- Ensuring that the environment and learning resources are stimulating and of the highest standard
- Ensuring a consistent ethos in line with The Plume Academy Code of Practice
- Ensuring that high standards of behaviour are expected and achieved
- Maintaining health and safety procedures

Staff Development, Resources and Capitation

- Organising training and chairing Faculty meetings
- Drawing up, in line with the Academy Achievement Plan, the improvement plan for the Faculty
- Deciding the allocation of all resources; human and physical, within the Faculty
- Maintaining overall accounts of capitation and ensuring best value
- Supporting, advising and providing opportunities for individuals in the Faculty to further their personal development

Whole School

- To ensure that whole school policies are implemented
- To undertake any other duties as may be required from time to time by the Principal

THE DUTIES AND TASKS OUTLINED ABOVE ARE NOT INTENDED TO BE EXHAUSTIVE, THIS WILL DEPEND ON THE EXPERIENCE OF THE CANDIDATE AND OTHER DUTIES MAY BE REQUIRED FROM TIME TO TIME.

PERSON SPECIFICATION

Essential skills, knowledge, experience and personal qualities:

1. Experience of teaching across all key stages
2. Understanding current curriculum issues
3. A proven record of excellence in the classroom including outstanding outcomes at Key Stage 4 and 5
4. An ability to interpret data, with good ICT skills
5. Commitment to the use of a variety of teaching methods to enhance learning
6. Knowledge and understanding of whole school issues
7. An understanding of the Ofsted framework for evaluating teaching and learning
8. A vision for and commitment to the delivery of Mathematics at Key Stages 3, 4 and 5
9. Resilience, commitment, energy and enthusiasm
10. Creativity and imagination
11. A sense of humour
12. Good organisational skills
13. Good time-management skills
14. An effective and empathetic communicator
15. Well presented
16. Commitment to continued professional development of themselves and others

Desirable skills, knowledge, experience and personal qualities:

1. Potential and ambition for further career development
2. A good understanding of the Key Stage 2 Mathematics Curriculum
3. An honours degree in Mathematics or Applied Mathematics
4. An ability to promote the school through contact with parents, the media and the local community
5. Experience of monitoring classroom practice or performance managing
6. A willingness to participate in extra-curricular activities
7. An understanding of current research around the teaching of Mathematics

MATHEMATICS FACULTY

Staffing

This large Mathematics Faculty is led by an Assistant Vice Principal and two TLR Post Holders. One at either site. All staff are well-qualified and many have considerable experience in teaching. The department is also supported by a Maths qualified LSA.

The Mathematics Faculty is made up of energetic and enthusiastic teachers who continue to build success in this exciting and challenging subject, and are looking to make it one of the most successful subjects in the school. As a Faculty we strive to inspire our students and our dynamic classroom practitioners deliver motivational lessons.

Plume Academy is lively and innovative and places great importance on giving staff the opportunity to develop their professional skills whilst receiving support and guidance from an experienced team of teachers.

Facilities

At our Mill Road campus there are three Maths rooms and two large ICT suites which are often used by Mathematics staff.

At our Fambridge Road campus there are six large classrooms dedicated to Maths and two smaller classrooms for smaller group and KS5 Maths teaching. There are also a suite of 7 computer rooms which are bookable via our online system.

Curriculum

Students are placed in sets when they enter Year 7, based on their Key Stage 2 results and setting is reviewed throughout Key Stage 3.

The Faculty puts students on a path towards Foundation or Higher GCSE for KS4 through careful assessment and setting. The students follow the Pearson GCSE course and the curriculum is based in the most part on the Hodder GCSE curriculum map. The department is well resourced with Hodder, Collins and Pearson texts and subscribes to Hegarty Maths, Mathswatch and Mathsbox. Our mid term plans are all extremely well resourced with textbook activities, worksheets, cardsorts and rich tasks.

The Plume College offers A Level Mathematics and a GCSE resit in Mathematics. We also have four students studying Further Maths in 2019. Plume College is a popular choice for Plume students and also attracts students from other schools and numbers of students studying Mathematics continue to grow.

