



Teacher of Mathematics

The Role

We welcome your application for this position and if successful you will be joining our Mathematical Sciences Faculty led by Jillian Hughes.

Mathematical Sciences Faculty

The Faculty aims to provide a stimulating, academically rigorous experience for all our students. We encourage team members to show initiative, creativity and innovation which is leading to an improvement in outcomes for all our students. The Faculty is committed to fully developing students' confidence in their own abilities and demonstrating that our subjects are rich, challenging and enjoyable. We want our students to be self-motivated, independent learners and we develop schemes of work that support this aspiration.

Accommodation and Resourcing

Our accommodation is exceptional, comprising a suite of 13 well equipped rooms, one of which has 20 desktop computers. All of the rooms have interactive whiteboards and visualisers which are networked with internet access. The Department has 60 chromebooks which are a bookable resource for use. It is well stocked with all the apparatus and equipment required to teach Mathematics to the highest level.

Staffing

Faculty Leader:	Jillian Hughes
Subject Leader for Mathematics and KS4:	Nicola Healy
KS5, Statistics Subject Leader and Digital Manager:	Marc Swann
KS3 Curriculum Manager:	Rohal Korpai
Intervention coordinator:	Daniel Percox

Curriculum

Mathematics is taught in sets where students of similar ability can be stimulated and motivated to achieve their full potential.

- In years 10 to 11 students study GCSE Mathematics, taught by a team of teachers with appropriate specialist knowledge and qualifications. Statistics is offered as a popular and successful option and we have also studied the level 2 Further Mathematics qualification with Year 11 set 1 pupils as a transitional unit for A Level.
- Year 9 is a GCSE ready year, where pupils study a transitional course to prepare them for GCSE content.
- In years 7 to 8 students study mastery of mathematics, in order to prepare them for the content required in Year 9 and GCSE.

In Key Stage 3 the department uses a scheme of work and assessment system designed by our team of experienced mathematicians in line with the White Rose Mastery scheme of work. In Key Stage 4, the department follows and uses schemes of work and assessment in line with Edexcel Pearson. Most KS4 students



are entered for Edexcel Mathematics at either Higher or Foundation Level. We also offer Entry Level certificates for students who struggle to access GCSE content at Foundation level. Our post-16 students currently study Edexcel A Level Mathematics and we also offer Edexcel Further Mathematics, as an AS Level or an A Level.

Teaching and Learning

Shire Oak Academy is strongly committed to develop a culture of high quality teaching and learning. The Shire Oak Framework for Excellence is a self-assessment and development tool for teachers & Faculties underpinning outstanding teaching and learning across the Academy. We have regular teaching and learning CPD sessions structured around the Teaching and Learning Framework for Excellence. We also have a weekly teaching and learning bulletins in which staff share their excellent strategies and resources with their colleagues.

Future priorities for the Faculty

1. Improving Student outcomes
2. Ensure that staff and student wellbeing are at the heart of our decision making and practice
3. Promote high quality teaching through the SOA T&L Framework
4. Develop the curriculum to ensure that intent, implementation and outcomes align across all aspects of our academy
5. Strengthen the use of assessment to provide a secure understanding of how well students achieve

CPD

The Academy is committed to training and developing its staff. All teachers are involved in peer observation and development through the academy's Shire Oak Way Framework for Excellence Programme, Performance Management and Professional Development Communities. Twilight Training and Staff Meetings focus on sharing and developing outstanding practice.

Shire Oak Academy subscribes to the Equal Opportunities policies of The Mercian Trust as employers. We are also fully committed to safeguarding and promoting the welfare of children and young people and expect all staff and volunteers to share this commitment. Safer recruitment practice and pre-employment checks will be undertaken before any appointment is confirmed. This post is subject to an enhanced Disclosure and Barring Service (DBS) check.