

## **Wren Academy Mathematics Faculty**

The mathematics faculty at Wren Academy consists of fifteen enthusiastic and supportive teachers, including the Head of Faculty, two Assistant Heads of Faculty, the Assistant SENCo, two Assistant Principals and a Higher Level Teaching Assistant. The faculty has a commitment to teacher training. We have been host to PGCE students, School Direct trainees and currently a SCITT trainee and some colleagues we have coached and mentored now form part of our team. We believe this is a testament to the high-quality support and development that we offer all members of the team. We are seeking to appoint an additional mathematics teacher to join our highly successful team from September 2017.

Mathematics at Wren Academy is delivered in single sex classes. These are set by ability with three groups in KS3 and four groups from Year 9, when we start the GCSE syllabus. The scheme of learning is developed internally in accordance with the national curriculum. The approach to teaching and learning in mathematics is strongly influenced by our vision of focusing on learning which we ensure permeates the outside world. We encourage students to be curious, creative and inquisitive and this is in line with the Academy's commitment to Building Learning Power. Each of these contributes to excellent progress and attainment at GCSE leading to a significant number of students studying mathematics at our sixth form. We actively encourage students to be the best that they can be and the number of students performing well at the UKMT challenges has significantly improved, including the number of students getting through to the next round of the competition.

Our maths and further maths results at AS and A Level continue to be very good. In further maths 63% of students achieved A\* - A and 88% achieved A\* - C and the maths students achieved 45% A\* - A with 84% achieving A\* - C. A number of our students gain successful entry to Russell Group universities. This year we have had an increase in the number of students studying maths and further maths at AS level, which shows a high emphasis on the importance of maths and our students' enthusiasm for the subject.

The GCSE results are outstanding and place us in the top 1% of schools nationally as we had a Progress 8 score of 1.2. This indicates that our students do, on average, more than a grade better than their peers in other schools. We have a high emphasis on stretching the most able and 59% of our students achieved an A\* or A. These results make Wren Academy's math faculty one of the best in the country.

Throughout KS3 and KS4, similar topics are taught concurrently to each year group in order to promote a collaborative approach to planning and resource development. This is discussed during planning and evaluation time which is built into the timetable. A new topic is taught every few weeks and students are assessed once per term and given a GCSE number grade based on the new assessment criteria. Students are actively encouraged to track their own progress to develop an awareness of their attainment relative to their challenging targets. Students follow the Edexcel Linear mathematics course.

At KS5 we continue with the Edexcel course and there is the opportunity for students to study core, statistics and mechanics modules. Further mathematics students also study further pure modules and an introduction to decision mathematics. The new KS5 curriculum continues to be developed in line with national changes. We actively look for external and additional opportunities for our students to be a part of such as enrichment days, lectures and conferences.

This is an excellent opportunity for an enthusiastic mathematics specialist to work collaboratively with a team dedicated to providing outstanding learning experiences to students who enjoy mathematics and are eager to learn. There would be the opportunity to teach at KS5 for a suitably qualified candidate. We look forward to hearing from committed mathematics teachers with the potential to contribute to our future success.

Please contact Jamie de Verteuil, Head of Mathematics, to find out more about the department and the post. [jamie.deverteuil@wrenacademy.org](mailto:jamie.deverteuil@wrenacademy.org)