



## **Hardenhuish School**

**A High Performing Academy**

Hardenhuish School is an 11-18 co-educational comprehensive school set in the magnificent parkland of the former Hardenhuish Manor and Chippenham Grammar School. We enjoy an outstanding reputation locally and nationally. At Hardenhuish we put children at the centre of all we do: we believe in a three-way partnership with the school, home and the individual, ensuring that each and every young person is 'inspired to learn, supported to succeed'.



### **Mathematics Departmental Profile**

#### **The Mathematics Team**

Vicky Spencer is an experienced, highly organised and supportive Curriculum Leader. Her team comprises of 9 full-time and 5 part-time teachers and benefits from a small hub of administrative support. Vicky is supported in her role by the Second in Mathematics who also has responsibility for KS4. In addition, there is a KS3 Co-ordinator, KS5 Co-ordinator and a Pupil Premium Champion for Mathematics.

The team is a cohesive group of young and experienced, vibrant subject specialists, who are progressive in their pedagogy and embracing new technologies. In addition to being outward-facing, the team has a collaborative approach to lesson planning and teaching and learning resources. The department is often involved in piloting new initiatives and cross curricular projects, which continue to enhance the reputation of Mathematics as a high-profile flagship department

Each year the department host PGCE students and the team has a track record of developing both new and experienced colleagues, many of whom progress to promoted posts within and beyond the department.

The school was designated as a Specialist Mathematics and Computing School in September 2003. This has helped to enhance the IT provision available to the department and left a long legacy for excellence in Mathematics in our local community and across Wiltshire. Mathematics team works closely with our partner primary schools and currently we have a member of staff who is timetabled to visit primary school each week to work with staff and pupils in the classroom.



### **The Facilities**

The Mathematics Centre consists of 8 classrooms, an ICT suite and a faculty resource room enabling staff to work together and support each other in a friendly working atmosphere. Each teacher is provided with a tablet and all classrooms are equipped with interactive whiteboards, a computer and a digital projector. We stock a wide range of text books and other material resources and classrooms benefit from vibrant displays. Our sixth form lessons are taught in 3 dedicated classrooms in the purpose built Sixth Form Centre, each classroom has an interactive whiteboard, computer & digital projector.

### **Teaching, Learning and the Curriculum**

#### ***Key Stage 3***

At KS3 the faculty has a policy of setting pupils according to ability from October in Year 7. Team planning is strongly encouraged to ensure the delivery of effective lessons containing a starter activity, episodes and a plenary. Termly assessment occurs to enable ourselves and the students to see if they are on track for achieving their target grade by the end of the given year. Extra classes are provide each year in order to reduce class sizes and additional catch-up numeracy intervention programme prove very successful.

#### ***Key Stage 4***

For KS4 classes, we have 4 x 50 minutes lessons of Mathematics each week, where one of the lessons may be timetabled in the Mathematics ICT suite. The pupils are currently following a GCSE Linear Mathematics (Pearson) course and a second qualification in GCSE Statistics.

#### ***Key Stage 5***

At KS5, the numbers of students participating in A2 Mathematics, AS and A2 Further Mathematics level courses have continued to increase. We are one of the leading departments in the sixth form regarding the number of students participating in our subject and therefore, the multiple classes lead to good opportunities for staff to be involved in A-level Mathematics teaching. We follow the Pearson specification and we also have an increasing cohort of students who are following a one-year OCR Core Mathematics course.

### **Progress and Achievements**

#### **KS4:**

In 2016-17, 77.4% of all pupils secured a grade 9-4 in GCSE Mathematics with almost 20% achieving a grade 9-7. Our progress 8 score for GCSE math's was 0.099.

In GCSE Statistics, 88.2% of our then Year 10's secured a grade A\*-C, our best ever results when the whole group have been entered for the exam. Almost 25% of the results were either A or A\*.

#### **KS5:**

61 students sat A-level Mathematics in summer 2017. 66% of students obtained a grade B or better, with 46% obtaining an A or A\* grade and 100% A\*-E grades

22 students sat A-level Further Mathematics in summer 2017 with 73% obtaining a grade B or better, 59% obtaining an A or A\* grade and 100% A\*-E grades



### **Extra-curricular**

Hardenhuish School has strong links with the Further Mathematics Support Programme (FMSP). One of the South West Area Coordinators for the FMSP is based at Hardenhuish School and enrichment events for students and professional development events for teachers are often held here.

To further enrich the Mathematics curriculum in the classroom we have a Mathematics club and an increasing number of students participating in the UK Mathematics Challenge. We also organize and host various AGAT events with our neighbouring schools and within our own school.

### **The Vacancy**

We are seeking to appoint a permanent full-time Teacher of Mathematics to start on 1 September 2018. This vacancy would suit an enthusiastic subject specialist who is committed in the development and promotion of outstanding teaching and learning of mathematics for all pupils/students at Hardenhuish.



### **Applications Procedure**

If you feel that you would like to join this thriving Department, and that you can offer what we seek, please complete the application form and write a letter in support of your application. As part of this, please include the following:

1. Your relevant experience and achievements.
2. How you would increase the progress and engagement of **all** pupils in Mathematics.

Closing date: **8.30am on Monday 22 January 2018**

Please note: Interviews will be held on Friday 26 January 2018