

Mathematics



**GEORGE
SALTER
ACADEMY**

Overview

The successful growth in the Mathematics department has been achieved because of its experienced and inspiring members. We pride ourselves on our ethos which is to achieve through teamwork.

Through collaboration, sharing information and goals, the department provides its students with an innovative and challenging learning environment, ensuring all students not only become academically successful but also find Mathematics at George Salter Academy to be a rewarding and enriching experience.

Study Support

The Maths department provide intervention and study support to Year 11 on a weekly basis and throughout the year study support sessions are provided for each year group to ensure they are being challenged and progress well within mathematics.

- STEM & Chess Club - Wednesday lunch time

What the students say about the department

"I think it was knowing how much my teacher believed in me that made me successful in my GCSE"

"Maths at George Salter is really interesting and fun"

"A lot of support from staff and they are always willing to help you"

"I found Maths quite hard before I came to George Salters"

"Maths is really interesting and exciting to learn"

Contact

Mr M. Brown (Head of Mathematics), e-mail: m.brown@georgesalter.com

Key Stage 3 (Years 7 and 8)

Mathematics is taught across all Key Stages. It is compulsory for all students at Key Stages 3 and 4.

Year 7 & 8

Students in year 7 and 8 follow a 2 year scheme of work, allowing pupils to develop their mathematical skills through core topics, as well as engaging pupils with functional activities. Students are assessed termly to ensure progress is made and interventions are put in place for required assistance. The two year scheme allows pupils to progress in a structured manner allowing them to develop all key areas of Mathematics.

At the end of the two year scheme pupils will have covered all topics which include, Number, Algebra, Shape and Data.

Each year the Mathematics department hosts the Sandwell Mathematics challenge in which they provide schools in the west midlands to take part in an exciting and competitive venture.

Interventions

Pupils in KS3 are also provided with an intervention scheme to boost their progression and thinking skills. The scheme requires pupils to be closely monitored and tracked to reach or exceed their targets. Pupils are given these opportunities during both weekdays as well on a Saturday.

Key Stage 4 (Years 9, 10 and 11)

Year 9

In Year 9, students start preparing the skills and units they need for GCSE Mathematics so by the time they are in Years 10 and 11, they feel better prepared for the styles of exam questions that are required at GCSE level.

Year 10/11

Years 10/11 are important years as students begin to prepare for their first GCSE exam in the summer. Students are provided with support afterschool, and Saturday interventions.

Interventions

- Year 11 North – Tuesday
- Year 11 South/West - Thursday

Further intervention takes place on Saturdays

Exams

Exam results	2014	2015	2016
GCSE	74% A*-C; 99% A*-G	11.5% A*-A; 70.3% A*-C; 97.3% A*-G	18% A*-A; 63.9% A*-C; 94% A*-G

Key Stage 5 / Post-16

We have a thriving and well subscribed A level Mathematics course. Where we deliver Mathematics Pure Core units 1-4, Statistics, Mechanics and Decision.

We deliver Further Mathematics enabling our students to expand their breadth of Mathematics study at Advanced level.

We provide an extensive range of study support opportunities including sessions after school, twilight sessions and holiday programmes.

Exam results	2013	2014	2015
Maths	100% A-C	80% A-C; 100% A-E	36.6% A*-B; 54.5% A*-C; 81.8% A*-E