

September 2018

THE FACULTY OF MATHEMATICS AND NUMERACY

The Mathematics Faculty currently consists of seven members of staff: A Learning Director: Mathematics and Numeracy, Curriculum Leader for Mathematics and Numeracy across the Academy (Second in Faculty), four full time members of staff and one part time (currently on maternity leave). As far as possible, the teaching of all ages and abilities within the school is fully shared within the department.

The school was designated as an **Engineering Specialist School** in September 2003, and the Maths Faculty has played an important part in the development of **STEM Innovation** across the Academy. Following our 2008 OFSTED inspection (Judged Outstanding in all categories) we were designated an SSAT High Performing Specialist School and successfully gained a second specialism as a Leading Edge School.

As a leading **National Teaching School Alliance** (Cohort 2 designation in 2012) and **National Support School** we place great emphasis on professional development and curriculum development. Our Maths staff all benefit from a highly personalised and bespoke programme of professional development and in turn contribute in many ways to the development of Maths education across the region and beyond. For the last two years we have led and participated in a range of initiatives organised by local **Maths Hubs** (White Rose and Yorkshire Ridings) and we recently worked on an Educational Endowment Project as part of a national pilot.

The Mathematics Faculty is a very dynamic and exciting place to work. Our highly able students' progress through the curriculum rapidly to achieve outstanding progress and attainment. At GCSE level all students take the Edexcel Linear Mathematics GCSE Higher Level. We are extremely proud of our year on year improvements in Maths progress and attainment outcomes. **In 2018, 54% of results were at Grade 9-7 level with 98% at 9-4.**

Mathematics is a highly popular A-Level choice with three Maths sets in year 12 and year 13. The MEI Specification is followed at A-Level and the teaching of each Mathematics group is shared between two teachers. There are different routes through A-level. There is another group of students who take Further Mathematics at A-level. In addition, we run Core Maths in Year 12. **60% of A Level Maths results in 2018 were at A*/A grade, with 68% of students being A* to B grade.**

The school has very high academic standards and Mathematics results in public examinations are excellent at all levels. The faculty aims to enable each girl to achieve her potential in Mathematics, extending the exceptionally able while supporting those who require additional personalised support.

The school is innovative and outward looking, and makes extensive use of new technologies. This is reflected in the approach taken to learning and teaching in Mathematics. Students are encouraged to **enjoy Mathematics and to tackle challenging problems**. The school regularly takes part in national Mathematics contests, including UKMT junior, intermediate and senior challenges. This is a very exciting opportunity to teach the very best students in one of the country's very best schools. You will have the chance to engage enthusiastic students in an innovative and inspirational learning environment.

