



MINSTHORPE

*Community College*



A SPECIALIST SCIENCE COLLEGE

# **Mathematics**

Overview of the Curriculum Area

## **Accommodation**

We are fortunate to have twelve large classrooms, all of which are equipped with an interactive whiteboard. In addition we have a tutorial room and a large curriculum base. The Curriculum Base provides a focal point for our day-to-day work and provides storage for many of our resources. It is equipped with a photocopier, a networked PC and a wireless network for staff laptop use.

The block is pleasantly decorated. We strive to ensure that lively and engaging displays are mounted, both in our classrooms and in corridors in the belief that the environment plays an important part in enriching the learning process.

## **Staffing**

The Mathematics team at Minsthorpe Community College currently consists of ten full time, one part time mathematician and an HLTA. There is a leadership team structure within the curriculum area consisting of a Team Leader and four Assistant Team Leaders responsible for KS5, KS4, KS3 and Learning and Teaching, leading to good career progression prospects within the curriculum area.

## **Curriculum**

Students are setted from September of Year 7. They are taught and assessed in levels at KS3 and progress is tracked and monitored centrally. Teachers follow a detailed SoW centred around the new Programmes of Study. We are well resourced, including text books, interactive whiteboard resources and promethean flipcharts, VAK activities and problem solving activities. Each classroom has a class set of all the mathematical equipment and scientific calculators. We are currently integrating functional skills into KS3 and pride our self as a team who continually shares good practice.

We have made very good progress at KS3 and last year achieved 84% level 5+ and 50% level 6+, continuing a positive trend

Students follow the AQA linear course at GCSE. Groups are setted based on a combination of KS3 levels and GCSE target grades. Again we are well resourced and constantly adapt the structure of the course to suit the needs of our learners. We have planned 3 year GCSE programme aimed at making sure every student achieves their target GCSE grade and no child is left behind.

We have made good progress at KS4 but are always striving to be an outstanding department with a focus on each individual making 3 levels progress from KS2 to KS4.

'A' level Mathematics is a popular subject with Post 16 students. They follow the Edexcel modular 'A' level course. Again, we are trying to raise attainment at this level by introducing a system of internal 'mini-module' tests, tutorials and student profiling. We have purchased new texts that are written especially for each module and have a bank of revision and exam packs covering the 4 core modules, decision and statistics modules.

### **Culture and Ethos**

We are a committed team:

- committed to making mathematics accessible to all
- developing with the changes from the children's plan making sure no child is left behind
- committed to making mathematics enjoyable and exciting to learn,
- and above all committed to helping our students achieve their potential.

This is an exciting time to be teaching Mathematics anywhere but we believe that we are an especially committed and enthusiastic team.

In our recent internal Quality Assurance week, the maths department were graded as Good for overall effectiveness, with Leadership and management and behaviour and safety graded as Outstanding. We are a very supportive team who work hard and drive hard to become Outstanding in all areas.

**Simon Fitzgerald**  
***Curriculum Team Leader***  
***November 2015***