

MATHS

Greys Education Centre aims to educate staff and students to use maths effectively to support and develop their lifelong learning.

To use maths as an effective and efficient teaching, learning, communication and management tool throughout the school.

- To continuously improve their maths capability of students and staff.
- To provide access to high quality maths resources and support for staff and students.

Students are encouraged to develop basic skills that will assist them in later life.

Primary: Maths is taught throughout the school and is delivered in standalone lessons but also through topic based work and numeracy across the curriculum.

Secondary: Maths is taught by specialist maths teachers as well as its use in other subjects when required by the subject teacher.

Primary: Key stage 1 and 2 students follow the National Curriculum with schemes of work adapted and personalised to the specific needs of the pupils with the aim of filling

Secondary: Key Stage 3 students follow the National Curriculum and use the Edexcel scheme of work and content. This work then continues into Key Stage 4 when students begin working towards their GCSE – both Higher and Foundation Tier exams can be sat at Greys. In addition to GCSE students complete AQA Entry Level 3 Awards

Some pupils may have problems in accessing the curriculum due to learning difficulties with reading, writing, spelling or numeracy, visual or hearing problems, emotional or behavioural problems. Maths work is differentiated to allow access to the curriculum and for achievements and progress to be experienced. TA's are made aware of student's specific needs and are encouraged to provide support, encouragement and assistance when needed.

Primary: Students complete an Alfiecloud assessment when starting at Greys and age appropriate assessments through NFER Progress in Maths and also used to assess progress and understanding.

Secondary: Students complete an Alfiecloud assessment when starting at Greys, then take end of topic assessment tests and where appropriate throughout KS3 will attempt GCSE exam questions to demonstrate understanding and progress. Key Stage 4 students work towards GCSE qualifications and sit two 'mock exams' and past paper questions throughout the year.

All students have the opportunity to achieve via the AQA Unit Awards, Foundation Skills Awards and either GCSE Higher/Foundation qualifications which can be completed throughout Key stages 3 & 4.

TA's are given the opportunity to develop their own maths skills which allows them to access maths and support the students developing their maths skills. The lesson objectives are outlined at the beginning of each lesson to allow the TA to support the student in their learning.

Literacy in maths is encouraged through the reading and writing of text and the understanding of the specific mathematical terms. Work is also completed on breaking down GCSE questions so that total understanding is gained of what exactly the question is asking - this is a skill that a number of students find difficult to achieve.

Numeracy has been identified in all subjects and staff are encouraged to highlight the use of Numeracy when appropriate.

All students have access to e-learning with password and login details where required and homework and extended learning opportunities are provided weekly

Maths follows the Edexcel GCSE curriculum providing opportunities to attain Higher or Foundation grades. Year 11 students also complete AQA Entry Level 3 awards and Functional Skills awards.