

Mathematics Department Policy Statement

Introduction:

Every student at school studies Mathematics from Year 7 to Year 11 in accordance with the National Curriculum regulations. Each student is encouraged to develop a positive attitude to mathematics and to work with confidence and enjoyment. Mathematics is one of the Core subjects in the curriculum for all pupils. At SETS, we try to ensure that all pupils receive a thorough mathematical education, tailored to each pupil's ability and sufficiently rigorous to enable them to realise their full potential. Formal school evenings or performance review days are organised annually, when the mathematics' teacher look forward to meeting and talking with the parents of their pupils. Full reports are sent home once a year giving parents the opportunity to read about their child's progress in mathematics.

Aim:

It is the aim of the Mathematics Department that students will develop:-

- a) an appreciation of the place of mathematics in society, including historical and cultural influences;
- b) an ability to think mathematically - precisely, logically and creatively;
- c) a willingness and ability to work independently and co-operatively;
- d) an ability to understand mathematical ideas, and to communicate them in a variety of modes;
- e) an appreciation of the interdependence of different branches of mathematics;
- f) an appreciation of the ways mathematics is used;
- g) the knowledge, skills and understanding needed to apply a range of mathematical concepts to situations which may arise in their own lives;
- h) the skill to investigate mathematical ideas and to test and prove their own hypotheses;
- i) an ability to use mathematics across the curriculum;
- j) a firm foundation for appropriate further study.

At the beginning of the year:

- a) All students are told to bring pens, pencils and a scientific calculator, geometry box which should have a ruler, compass, protractor, eraser and a sharpener. In year 7 or year 8 they can use basic calculators but from year 9 students must use a scientific calculator.
- b) All students are given a personal copy of the assigned mathematics text book to keep for that year. Year 7, 8 and 9 use Impact Mathematics 1R, 2B and 3B respectively. Year 10 and 11 are given Edexcel GCSE Mathematics A Linear Higher/Foundation

Student Book. Year 10 and 11 are also given corresponding practice books from which homework will be set.

Time & Lessons for each Year:

Year	45 minutes lesson per week
7	4
8	4
9	4
10	4
11	5

Classroom Rules:

- a) Students work in silence unless told otherwise.
- b) If a student wants to ask a question – they have to put their hand up and DO NOT shout out.
- c) Students need to remain quiet when someone else is talking during a class discussion.
- d) When a person has been asked a question it is their question, NOT YOURS!

If any student fails to comply with the rules, they are given a warning. If they continue, they are asked to leave the room and have to do ONE HOUR department's detention.

Marking Policy

The department acknowledges the need for regular, accurate marking of students' work. This enables to:

- assess how well an individual student and the group as a whole have understood a concept,
- feed back to students about the progress they are making,
- correct any errors,
- evaluate our teaching.

Much classwork can be marked by students themselves. This can be done by swapping books or students marking their own work, at the discretion of the teacher. When students have marked their own work, the teacher looks over this next time the books are collected in.

Homework is given twice a week on Tuesday and Thursday. Tuesday's homework is due on Thursday and Thursday's the following Tuesday. This task will be a **written task** (the length of this should be between 30 and 60 minutes depending on the year group). The teacher's marking should be diagnostic and corrective, in order for students to see where they have gone wrong. If an error is made consistently by many members of the class, the teacher should go through the question in class and get the students to copy the correction.

After marking a student's exercise book for homework, students are asked to come to maths club or if many students have not understood the task then it will be done at the beginning of the next lesson. Comments (positive if possible) are also written in the classwork and homework. When an exercise book has been marked, it is annotated with the teacher's initials and the date. This enables parents, students and the Head of Department to monitor the regularity of marking.

If a student has not done the homework he or she has to do ONE HOUR detention unless he brings in a letter from the parent asking for sanction.

Mathematics Club:

Year	Day and Time
7/8	Tue, 8.15-8.30
9	Wed, 8.15-8.30
10/11	Thurs, 8.15-8.30

Mathematics Extra:

Students are invited to attend the student mathematics conference which is organised once a year by Edexcel examiners on the format of exam questions and examination tips. Year 10 students attend the Foundation Level of the conference and Year 11 students, if they are sitting the higher paper will attend the Higher Level course.

Further Information: It is the aim of the Mathematics Department at SETS to ensure that all the pupils in our care achieve the greatest possible success, and that, most of all, they enjoy their Mathematics lessons. If you have any questions about Mathematics at SETS, please do not hesitate to contact the school.