**Mathematics Department**

The department consist of 6 full-time and 2 part-time teachers. We have a mix of established and recently appointed teachers and there is a strong team spirit in the department. The Maths team is a blend of experience and enthusiasm and their dedicated and determined approach to teaching lead to positive progress for all students.

The department will be housed in the new block due to open September 2019. The block will house 15 new classrooms with high class facilities such as smart TVs.

**Aims**

Aims

The mathematics teaching at Murray Park is geared towards enabling each pupil to develop within their capabilities: not only the mathematics skills and understanding required for later life, but also an enthusiasm and fascination about maths itself.

We aim to:

* Increase pupil confidence in maths so they are able to express themselves and their ideas using the language of maths with assurance
* Stimulate pupils’ interest in mathematics
* Encourage pupils to think logically, and to solve mathematical problems

We are continually aiming to raise the standards of achievement of the pupils at Murray Park.

**Objectives**

Objectiv

* We will teach mathematics which has relevance to the abilities and experiences

of our pupils

* We will use the best available and most appropriate material for each area of the curriculum.
* We will relate problems to realistic situations, using a variety of approaches.
* We will regularly monitor and inform pupils of their progress, and encourage them to set achievable targets for the future.
* We will prepare and enter pupils for external examinations suited to their ability and aptitude.
* We will encourage pupils in an awareness of the needs of others not only in the classroom but also around school and in the wider community.
* We will encourage pupils to take a pride in themselves, and in their work, through acknowledging positive actions.
* We will make Mathematics enjoyable, offering a variety of teaching and learning opportunities to all of our pupils.

**Organisation of Classes**

All year groups are timetable with at least four mathematics lessons per week, each lesson lasting one hour Students in Year 7 and 8 and currently grouped in parallel sets. Students in Year 9, 10 and 11 are grouped in a combinations of traditional sets and parallel sets at foundation and higher level.

**Curriculum**

The curriculum is cumulative in nature. Topics are presented to ensure that students have a depth of understanding of the basic skills and are sufficiently fluent before moving on. Those pupils that grasp concepts rapidly will be challenged through being offered rich and sophisticated problems.

If you have any questions please do not hesitate to email me:

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Head of Mathematics