



MASCALLS ACADEMY

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Principal: Will Monk, BSc (Hons)

NWE/cal/1609190087

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Dear Parent/Guardian

Re: Year 7 Mathematics

I am writing to tell you about an exciting new approach to teaching maths that we successfully introduced last year. The school have committed to the “Mathematics Mastery Programme” for all year 7 and 8 students.

“Mathematics education should be so much more than just passing exams and Mathematics Mastery will help us achieve this. We want every child to not just pass GCSE mathematics but pass with top grades and to leave school with a love of mathematics.”

The key principles of the programme are:

- Students study fewer topics in greater depth
- Mastery for all students
- Number sense and place value come first
- Problem solving is central.

To aid your son/daughter’s sense of discovery, their reasoning skills and to encourage problem solving we will be using manipulatives in all our lessons. Pupils may have used these before in Primary School – they include bead strings, Dienes blocks, counters, Cuisenaire rods, 100 grids, number lines, algebra tiles and multilink cubes. The use of manipulatives coupled with a constant focus on problem solving will mean that students are more able to understand mathematical concepts.

The mastery curriculum is designed so that students explore mathematical ideas in depth. The emphasis on number in Year 7 is to ensure that every pupil has a strong understanding of the basic mathematical concepts, creating a solid tool bank for them to call upon throughout their mathematics career. Whilst some topics initially may be familiar, tasks are structured to support and stretch students, develop their mathematical language and challenge their mathematical thinking at all stages. Home learning, through the knowledge organiser and worksheet based tasks, will be set every week to consolidate students’ learning in the classroom.



We look forward to working with you to ensure your son/daughter develops a love of mathematics as well as achieving the highest grade at GCSE.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Nicola Weeks', written in a cursive style.

Nicola Weeks
Mathematics Mastery Lead