



Knox Academy

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Dear Parent/ Carer

NATIONAL 5 MATHEMATICS

I wanted to take this opportunity to inform you of some important expectations within the Mathematics Department in relation to National 5 Mathematics.

Scientific Calculators

Scientific Calculators are essential so should be brought to class every day. We do have some available to borrow during class but a Learner having their own is preferable.

Flipped Learning

Classes are being asked to watch a few (max 3 or 4) videos at Home as preparation for class the following day. We successfully trialled this last Session and it means that when they come to class they have seen all the techniques required to start answering questions. This way, we can spend the whole lesson working with them individually, or in small groups, on practice and on problems. Spending time on practice and mastering skills as opposed to simply copying from the whiteboard is a much more beneficial use of class time. Flipped Learning booklets are available to print from the School Website (with space to write solutions) with many pupils last Session finding this useful to stay organised and save time.

If pupils don't/can't watch the videos at home then they will have to do so in class but they must then catch up with the practice at home. We can provide space in school for this to happen.

Curriculum Quizzes

Every Week each class will take a Curriculum Quiz and will be given one week's notice of the chosen topic from earlier in the Course. Relevant revision materials are provided on the RevisionHUB and we do ask that Learners show motivation and use this as opportunity to show what they are capable of. Each question in the Curriculum Quiz is multiple choice so can easily be marked and feedback given. Remediation can then take place in class after analysis of results and this rich information is useful for Learner Conversations, Reporting and Parents' Evenings. These are 'low stakes' with no consequences for high or low scores.

Assessment

Formal assessments will take place in October and January and Learners will be given as much advance notice as possible. Performance in these is important and we will make a recommendation for Presentation, either National 4 or National 5, largely based on these results.

Home Learning

With expectations of Flipped Learning and weekly revision for the Curriculum Quiz in addition to finishing off work, Home Learning tasks (e.g. worksheets) will not be regular and will be at the discretion of the class teacher(s). We will use Show My Homework to set completion dates.

I hope that this letter makes our expectations and recommendations clear but do contact me via the School Office should you wish to discuss anything further.

Yours Sincerely,

Calum Blair

