

Home Learning in Mathematics

Home learning is a vital part of the learning process. It allows students to consolidate and extend their learning from their mathematics lessons and it is the first time that students get to answer questions without the support of their teacher. In Key Stage Three, this consists of questions that are set using the Sparx platform. These questions are completely personalised to each individual student and questions are at the level to allow students to make the maximum amount of progress. Sparx also includes consolidation questions from previous topics that students may have found more challenging to ensure that they have really learnt the content and can apply it to questions. There are also videos to support students who have not fully grasped a concept in the lesson and just need a little bit of additional explanation.

Home learning is vital to secure student progress, with on average an additional 5 months of progress being made over a year, compared to students that do not complete homework. In order to maximise the progress that students make within mathematics, it is expected that every student completes their Sparx home learning every week, even if they are absent. This will take around an hour and students are able to complete additional, slightly more challenging questions to secure additional progress. If students are struggling with questions or internet access, they are able to access support in our dedicated mathematics computer suite before registration, during either break, or at the end of the day after session 5.

If students choose not to complete their home learning or use the support available to them, then compulsory support sessions will be put in place. These will initially consist of sessions during second break and if students continue to fail to complete or catch up with their home learning, this will progress onto compulsory after school support sessions.

In order to complete each Sparx home learning, students need to answer every question of the compulsory task correctly. Students that are at risk of attending the after school sessions will have repeatedly failed to complete their home learning. This can be caught up after the task is due and this will avoid students from being required to attend these compulsory support sessions.

We hope that you will agree how vital home learning is to secure student progress in mathematics and we thank you for your support with this.

The maths department