



KS3 Assessment in Maths

In Maths, teachers will use a range of techniques to understand pupil progress and adapt teaching accordingly. As pupils are taught in streamed ability groups it enables pupils to access learning at the correct pace and challenge. Our assessment processes are paramount in ensuring lessons best meet the needs of all students.

Please see below details of our main routines, what to expect and how to best support at home.

Lesson Structure

Pupils follow a consistent lesson structure of 'Do it', 'Twist it', 'Mix it', 'Solve it', this ensures that pupils have fluency practice, see non-standard examples, have opportunities to retrieve prior learning and build a tool box of problem solving skills.

Weekly Quizzes

We assess pupils understanding every week through low stake quizzes that are bespoke to each class, made by the class teacher. These ensure misconceptions are addressed timely and allows us to track pupils understanding over time.

In class assessment for learning

We use a range of assessment for learning techniques in the classroom to ensure all pupils understand new learning and are fully engaged with the lesson. These include the use of mini whiteboards, peer and class discussions where there is an expectation for pupil's to use key vocabulary to enable them to talk like Mathematicians.

Home learning

Pupils complete weekly quizzes on our Complete Maths platform. This provides pupil's an opportunity to independently practice skills taught in the classroom. It will also build resilience by seeing unfamiliar problems. Home learning questions are followed up in lessons with our PREP reflect weekly feedback. Therefore, pupils are encouraged to contact us vis email or discuss with us in class, any of the questions that they had difficulty with. We have produced a document of 'How to support at home' which you can find on our website subject page.

Enrichment

We believe that Maths should be celebrated beyond the classroom, which is why we ask pupils to complete half termly research tasks, either regarding a famous Mathematician

or to a linked subject area in school. This improves their research skills and gives opportunities for pupils to present their discoveries to their peers during the lesson.

Formal assessments

We carry out formal assessments twice a year in Year's 8 and 9, these take place around Christmas and June. The test will be held in test conditions but in the classroom supervised by their teacher. Year 7's also have these assessments but we have a baseline assessment within the first term of starting at Toot Hill. This allows us to check the deeper understanding pupils have taken away from their primary school's.

Revision strategies

The best revision strategy is for pupils to use their books. Pupil should have full worked examples, purple pen independent notes and clear misconceptions highlighted. There are also yellow topic sheets at the beginning of each new unit showing our purposeful learning steps, these will be annotated with clear examples shown for each step of the learning that has taken place.

Complete Maths is also great for revision, using the 'How to support you child' document you can find example questions for each area.

Corbett Maths is a free website with videos and example questions for every topic in maths in both primary and secondary sections. Here you can use Control F to search for the topic of interest from the secondary website page.

Revision in Maths is completed best by working through questions, then using and learning any related formulas.