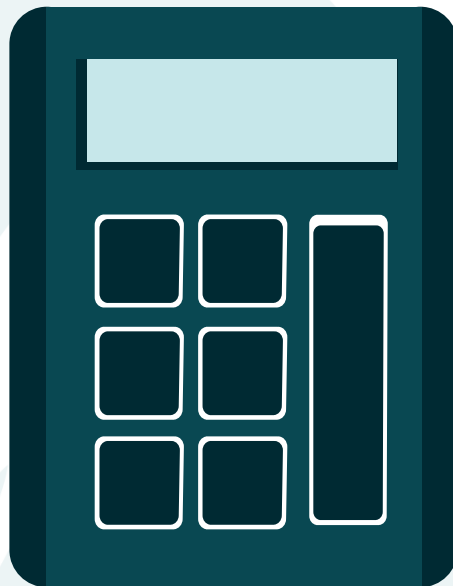




# Harrow Way

## Community School

Learning for life, success for all



# Assessment

# MATHS

## Maths Department Assessment Principles

At Harrow Way we believe that assessment is a core element in the process of learning and takes two distinct forms; formative and summative assessment. The process of learning is defined as a change in long term memory and assessment enables teachers to establish whether a change in long term memory has occurred and where there are gaps in students' knowledge.

**Formative assessment** is an ongoing process that will take place in every lesson. This is more simply referred to as 'assessment for learning'. Learning is a process which is supported by formative assessment.

**Summative assessment** can be more simply defined as 'assessment of learning'. This process happens in order that teachers can establish what students' have learned following a sequence of lessons, at the end of a topic, unit, term or academic year.

### Assessment in the Maths department

<b>Formative assessment</b>	
Which <b>methods</b> of formative assessment have you chosen to use in your subject area?	<b>Questioning</b> <b>Live feedback - whole class and individual</b> <b>One-to-one support</b> <b>Mini-white boards</b> <b>DoNows</b> <b>Homework</b>
How does KS3 differ from KS4?	<b>The methods are the same, but KS4 is more exam driven and students get more detailed feedback on Homework</b>
<b>Why</b> do you think these methods are best suited to your subject and how do you know they are successful?	<b>Instant feedback is crucial in today's classroom so we have chosen methods that provide exactly this. They work as the results in maths, both in internal assessments and in GCSE, show that students make good progress in maths.</b>

<b>Summative assessment</b>	
How does summative assessment work in your subject area? Are you assessing Disciplinary knowledge/ Substantive knowledge/ Practical skills/ Processes?	<b>Half-term assessments - assess the end points for topics covered</b> <b>Mock exams - assess all relevant subject knowledge and problem solving skills in maths</b>
Brief details about KS3 and KS4 assessment points. What is being assessed and what is the intended outcome?	<b>The half-term assessments check understanding of all key points of the maths curriculum in each year group. Mock exams assess students' readiness for the GCSE exams and identify gaps in their knowledge that need to be addressed.</b>

What do you do with the information that you collect from these assessments?

**Students keep record of their assessments in their diaries and write targets to work on to help them improve in maths. Teachers use the results from these assessments to check that each student is in the right class in terms of ability. Mock exams provide detailed individual feedback for both students and teachers. They also highlight needs for specific interventions prior to the GCSE exams. Mock results, in some cases, are an indication if a student should be entered for the Higher or the Foundation paper in maths.**