



## ASSESSMENT IN MATHS

### **Formative Assessment**

Assessment is a continual process in all Maths lessons at Broughton. Teachers make excellent use of mini whiteboards in lessons to assess understanding and adapt the lesson accordingly. Weekly homework set on the Sparx Maths and Dr Frost platform allows teachers to efficiently identify areas of weakness to be addressed. Teachers make use of the 'Insights' tool built into Sparx Maths to help pupils with common errors as well as extend topics where pupils have shown good understanding. At KS4 in Year 11, pupils regularly complete past GCSE papers which allows teachers to identify areas of strength and weakness.

### **KS3 Summative Assessment**

Pupils undertake two types of assessment in Mathematics lessons at Broughton; end of unit tests and end of year tests. These tests are designed to assess the covered curriculum and are not GCSE style questions. End of unit tests contain a cumulative section which assesses what pupils have remembered over time with content taken from prior units.

End of unit tests are delayed for a few lessons after a topic is taught to test what pupils have retained. The end of term and end of year tests are designed with content that has accumulated throughout the year. Scores for the end of term and end of year tests are recorded in the department's internal database. These scores help inform reporting into the whole school data system alongside teacher assessment from work covered in lessons.

Pupils receive whole class feedback on all tests that are undertaken and are expected to take responsibility for their own learning by correcting any mistakes. Ahead of end of term and end of year tests, pupils receive a revision list outlining relevant online tasks to complete in preparation. This encourages pupils to take responsibility for their own learning.





### **KS4 Summative Assessment**

In year 10 and 11 pupils complete delayed unit tests which are taken from the Pearson scheme of learning. In addition to unit tests, pupils in Year 10 sit end of term and end of year tests which cover all material which has been taught up to that point. This is designed so that teachers can identify what has been remembered and which topics need further work.

In Year 11, pupils sit a mock GCSE examination at Christmas time. This comprises 3 past papers and the exams are taken in full exam conditions in the Sports Hall. Teachers compile a question level analysis (QLA) of the mock exam so that pupils are aware of their own strengths and weaknesses but also to have an overview of any trends within their class.

## Reporting on Assessment

Teacher report on pupil progress once per term as part of the whole school review system. Scores from tests as well as understanding shown in class are used by teachers to report whether pupils are not meeting, working towards, working at or exceeding curriculum expectations. More information about each of the listed progress outcomes is given below.

	<b>not meeting</b> curriculum expectations	Struggles to retain and demonstrate relevant skills or knowledge
	<b>working towards</b> curriculum expectations	Relevant skills and knowledge are partially demonstrated and retained, but in need of further development in order to achieve the expected standard
	<b>working at</b>	Relevant skills, knowledge and understanding are clearly demonstrated and in the main retained
	working at greater depth ( <b>excelling</b> )	Knowledge, skills and understanding demonstrated and retained at a particularly high and insightful level