

## **Assessment in Mathematics**

### **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 Hegarty Maths platform allows teachers to efficiently identify areas of weakness to be addressed. At KS4 in Year 11, pupils complete half of a past GCSE paper per week 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 cumulative end of term and year tests. These tests are designed to assess the covered curriculum and are not GCSE style questions.

End of unit tests are delayed at least 2 weeks until 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 Hegarty Maths 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.

In response to the pandemic, Year 11 now also sit 1 exam paper per half term in exam conditions to guide potential teacher/centre assessed grades that may be required. This may be a temporary measure.