

How we assess in Maths

Students are assessed both in class through the use of mini whiteboards as well as questioning, whereby teachers will actively move around providing assistance.

At the conclusion of the half term, students in Key Stage 3 will complete a written assessment based upon material learned. The assessment will be marked by the

teacher and as a follow-up, students will use pinpoint learning to analyse any weak areas, and work on them using 'independent learning' on our homework platform, Sparx Maths.

Autumn Assessment

Year 8

Mathematics

Core: Calculator allowed

Time allowed: 45 minutes

First name	
Middle name	
Last name	

Grade	Sparx	Topic	OCR Practice set 1 paper 1	OCR Practice set 1 paper 2	9to1 GCSE OCR Nov2019 4H	9to1 GCSE OCR Nov2019 2F	9to1 GCSE OCR Nov2019 5H	9to1 GCSE OCR Nov2019 6H	Conclusion
4	U820	Loci and Construction	-	-	-	39% ★	13% ★★★	-	Consistent Weakness
5	U627	Non to Calc Trigonometry	-	25% ★	-	21% ★★	8% ★	-	Consistent Weakness
5	U558,U729	Tree Diagrams	25% ★★★	-	-	-	-	20% ★★★	Consistent Weakness
5	U369	Counting Methods	-	-	3% ★	-	-	31% ★★	Consistent Weakness
6	U694,U772,U985	Fractional and Negative Indices	-	0% ★	-	-	3% ★	-	Consistent Weakness

Students in Key Stage 4 will follow a similar pattern, but with two assessments at the end of each term, those being a calculator and non-calculator paper.

In addition the use of Sparx Maths Homework provides an insight, via ongoing assessment, into which topic areas students struggle with on an individualised basis. The AI within Sparx then provides targeted support to students based upon individual need. At points throughout the week teachers review a selection of homework questions that students have struggled with, providing explanations and understanding on how to tackle them

Sparx Maths