

Year 10 maths summer homework – maths

Each student has been given an individualised Question Level Analysis (QLA) sheet for both papers from the mock exams.

On these QLA sheets, questions will be colour coded depending on how well they have done.

Green being all correct, Orange being partially correct, Red being all wrong.

Alongside this will be SPARX independent learning codes – see example below.

Mathematics Assessment Feedback					sparx
Paper	Mock Foundation paper 1 Y				
Name	Joe Blogs				
Teacher	Mr X				
	Questions	Topic	Score	Sparx Code	
	1	Rounding integers	1 / 1	U480	
	2	Converting between fractions, decimals and percentages	1 / 1	U888	
	3	Understanding, measuring and drawing angles	0 / 1	U447	
	4	Understanding and ordering decimals	1 / 1	U435	
	5	Calculating with roots and powers	1 / 1	U851	
	6	Add & subtract decimals, Use a written method to multiply & divide with decimals	2 / 4	U478,U293,U868	
	7	Drawing bar charts	3 / 4	U363	
	8ai	Angles on a line and about a point	2 / 2	U390	
	8aii	Angles on a line and about a point	1 / 1	U390	
	9a	Function machines with numbers	1 / 1	M175	
	9b	Function machines with numbers	0 / 2	M175	
	9c	Function machines with letters, Constructing and solving equations	0 / 2	M428,U599	
	10	Writing and simplifying ratios	0 / 2	U687	
	11a	Multiplying and dividing with negative numbers	1 / 1	U548	
	11b	Calculating with roots and powers	1 / 1	U851	
	11c	Using the correct order of operations	0 / 1	U976	

It is expected that your son/daughter will work through each of their RED topics using the SPARX independent learning code to support closing the gap with these topics. As well as completing the "Fix-up" section on Sparx if they haven't already done so. This is a bespoke fluency set of questions based on their results.

Students are expected to write down at least 2 examples of each topic as well as complete the independent learning. This will give them a good set of revision notes ready for the coming year.

This will enable students to feel more confident in their knowledge before the start of year 11 and help get them prepared for the November mocks.