

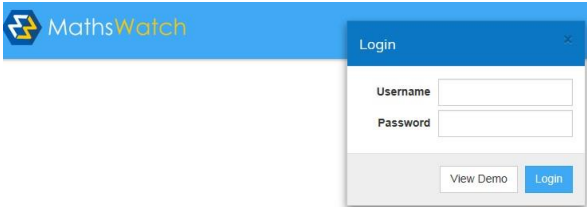
Year 8 KAP3 Assessment Revision

You will be undertaking your KAP3 in the week beginning 3rd February 2024.

Your assessment will consist of three papers, each 50 minutes long.

We recommend that you use MathsWatch to help with your revision. Below are the clips that are relevant to the KAP3 topics that are to be tested.

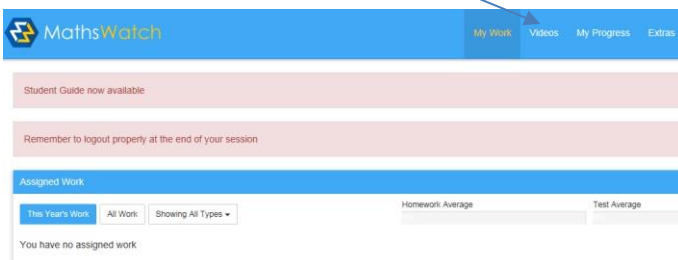
Reminder: MathsWatch is at www.vle.mathswatch.co.uk



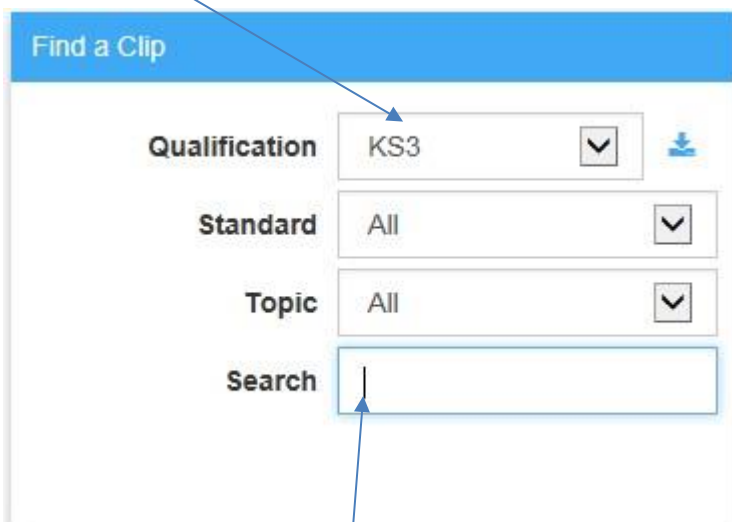
Your username is the same as your **beginningofyouremail @bishopchalloner**

Your password is **bishop**

When you log in, click on **Videos**



Select **KS3**



Search by entering the **Clip Number**

Your time on MathsWatch topics is recorded on the website; your teacher will be able to see how much revision you have done on Mathswatch!

If you want to revise other topics, you can search for them by topic.

The table below consists of all topic you need to revise to be successful in your KAP3 assessment. Along with each topic title is the Maths Watch clip reference number and a checklist you can fill out before beginning revision.

Topic to revise	Maths watch clip number	I can do this well	More revision needed
I can order numbers including decimals and negatives	N2a, N2b		
I can add and subtract integers (whole numbers)	N3a,N3b, N4a,N4b, N13a,N14a		
I can add and subtract decimals	N13b,N14b		
I can multiply and divide by 10,100,1000	N17		
I can read negative numbers from real life tables	N18		
I can add and subtract negative numbers	N19a,N19b		
I can use BIDMAS to correctly answer calculations	N20		
I can use long multiplication and division	N28a,N28b,N29a,N29b		
I can multiply and divide decimals between 0 and 1	N40a,N40b		
I can use correct algebraic vocabulary	A2		
I can write formulae expressed in words	A3		
I can multiply and divide algebraic terms	A7a,A7b		
I can collect like terms	A6		
I can substitute numbers into algebraic expressions	A10		
I can rearrange formulae	A13a, A13b		
I can solve basic equations with unknowns on one side	A12		
I can expand brackets	A8		
I can form and solve equations	A17		
I can find shade in shapes to show fractions, find equivalent fractions and simplify fractions	N23,a,b,c		
I can add and subtract fractions	N36		
I can multiply and divide fractions	N42a,N42b		
I can find a percentage of an amount	N24b		
I can increase/decrease by a percentage using a multiplier	R9a/R9b		

I can change to a percentage	N39a		
I can round numbers to nearest 10,100,1000	N27a		
I can round numbers to a given number of decimal places	N27b		
I can use correct units	N7		
I can identify factors, primes and square numbers	N10,N30a		
I can write numbers as a product of their prime factors	N30b		
I can use Index laws for multiplying/dividing/raising to a power	GCSE 29 and 82		
I can simplify ratio	R5a		
I can share between a given ratio	R5b		
I can express ratio as fractions	R3		
I can use scale factors from maps	R6		
I can solve problems using direct proportion including unit pricing	R4,R8		
I can draw and interpret pie charts	S9		
I can calculate and interpret averages including mean, mode and median	S6,S7		
I can calculate area and perimeter of 2d shapes including rectangles, triangles and compound shapes	G8a,G8b,G9,G17,G20a,G20c		
I can calculate angles using basic angle facts	G13, G17		