

Like thousands of other schools in the UK/World, your school has subscribed to **MathsWatch**. They definitely do care very much about you.

**MathsWatch** is an online resource giving you access to various tools to help towards achieving your full potential at Mathematics. You have access to:

**GCSE** (covering the GCSE Grade 1-9 Curriculum)

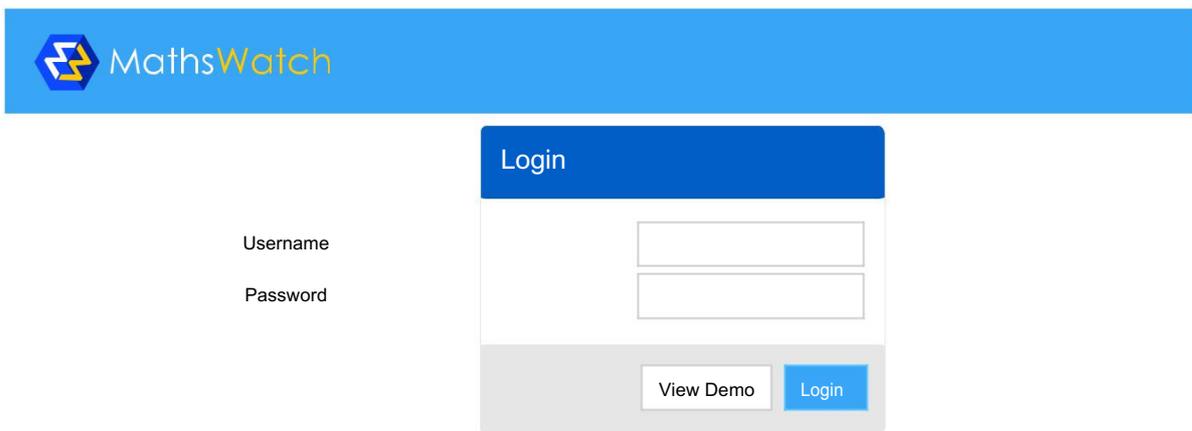
**KS3** (covering the KS3 National Curriculum)

With **MathsWatch**, you can now access video tutorials which explain topics just like a teacher would at the board. You can independently practice real exam-style questions with instant feedback on your performance. Finally, you can also complete assignments set by your teacher with instant feedback provided to both you and your teacher.

### First things first, let us log in

Please navigate to [vle.mathswatch.co.uk](http://vle.mathswatch.co.uk) using your preferred browser (we do recommend Google Chrome but IE, Safari and others should work just as well).

You will be presented with this login page:



The screenshot shows the MathsWatch login interface. At the top is a blue header with the MathsWatch logo. Below it is a white login box with a blue header labeled 'Login'. The box contains two input fields: 'Username' and 'Password'. At the bottom of the box are two buttons: 'View Demo' and 'Login'.

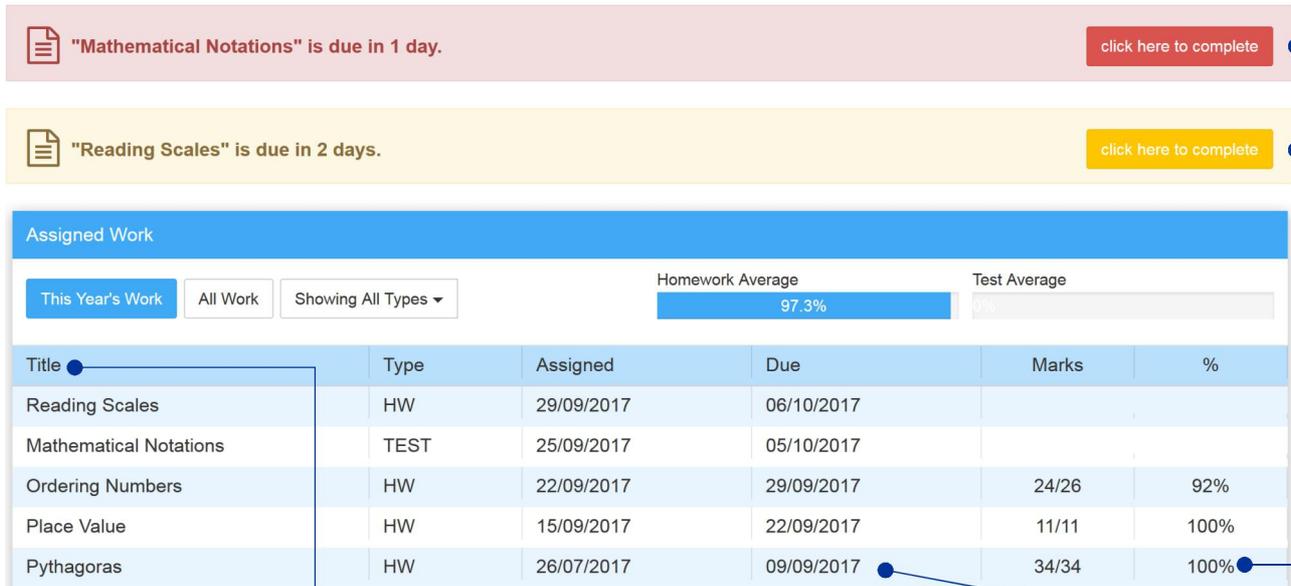
Use the login details given by your teacher.

Username: SurnameFirstname@dectc  
Password: cadbury

e.g. BloggsJoe@dectc  
e.g. cadbury

### Assigned tasks

After a successful log in, you are always presented with your “My Work” section.



The screenshot shows two banners at the top: a red one for "Mathematical Notations" due in 1 day and a yellow one for "Reading Scales" due in 2 days. Below these is the "Assigned Work" section with filters for "This Year's Work" and "All Work", and a dropdown for "Showing All Types". It also displays "Homework Average" at 97.3% and "Test Average" at 50%. A table lists assigned tasks with columns for Title, Type, Assigned, Due, Marks, and %.

Title	Type	Assigned	Due	Marks	%
Reading Scales	HW	29/09/2017	06/10/2017		
Mathematical Notations	TEST	25/09/2017	05/10/2017		
Ordering Numbers	HW	22/09/2017	29/09/2017	24/26	92%
Place Value	HW	15/09/2017	22/09/2017	11/11	100%
Pythagoras	HW	26/07/2017	09/09/2017	34/34	100%

Here you can see the list of tasks assigned to you by your teacher along with their due date. You can see the scores of assignments you have already completed.

Finally, you will also be reminded of any tasks still due by colour-coded banners.

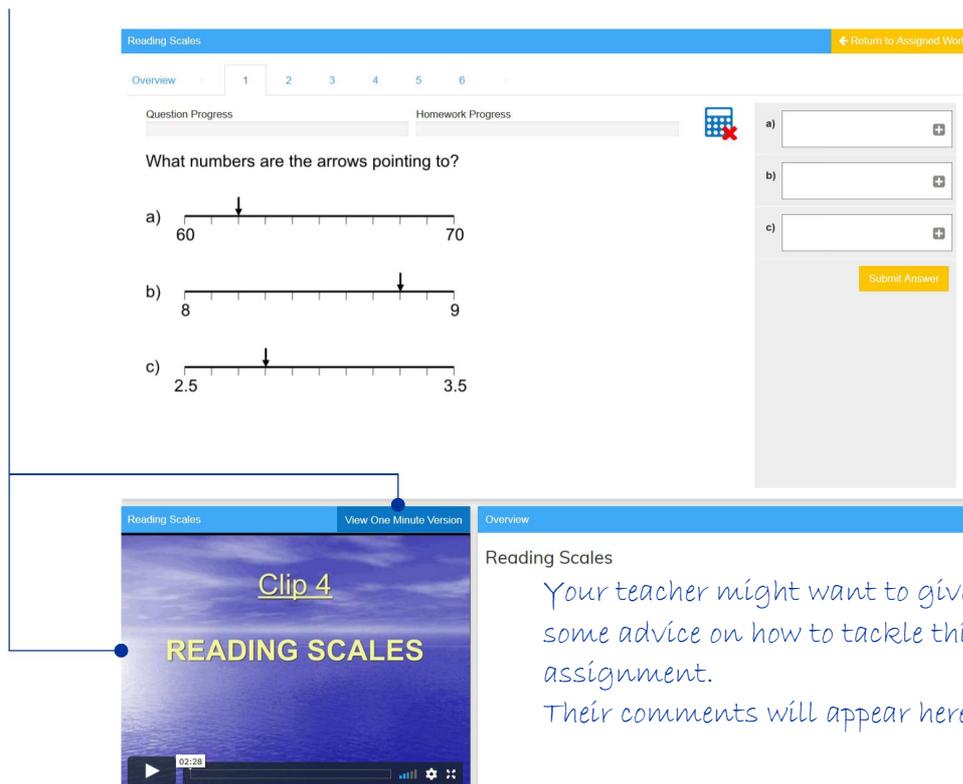
You just have to click on a task to open it.

Two types of tasks can be assigned by your teacher: **homework** and **tests**.

**Homework** can be attempted as many times as you like until the due date.

Your teacher will have access to your score at the end of each attempt.

To help you with the completion of the task, the video explaining the topic will always be available to play just beneath the questions.

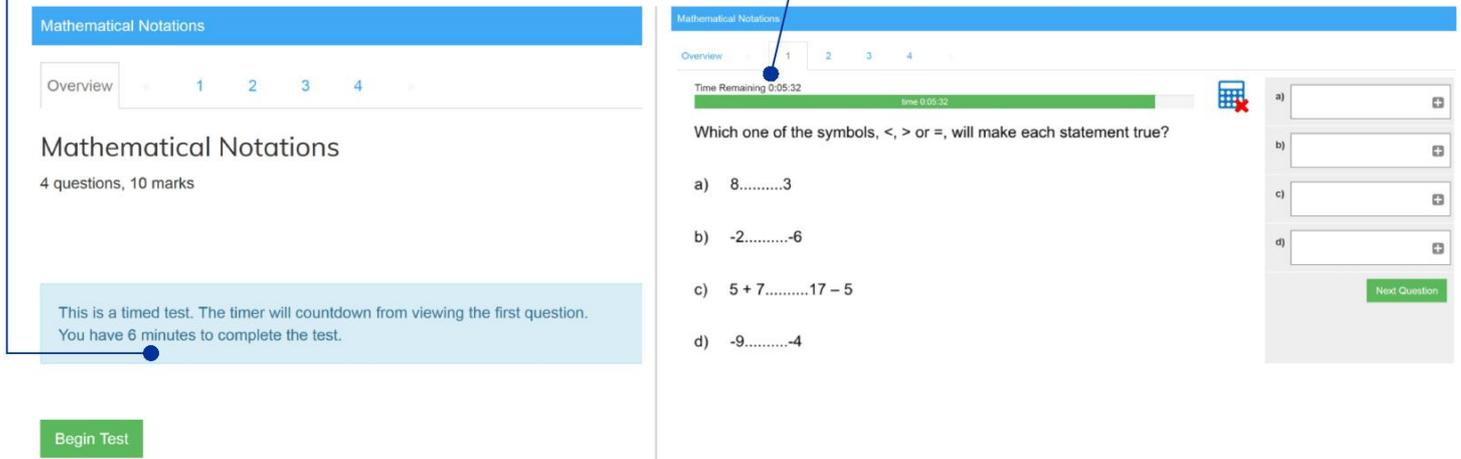


The screenshot shows a task titled "Reading Scales" with a "Return to Assigned Work" button. It includes a question progress bar and a question: "What numbers are the arrows pointing to?". Three number lines are provided: a) from 60 to 70 with an arrow at 65; b) from 8 to 9 with an arrow at 8.5; c) from 2.5 to 3.5 with an arrow at 3.0. On the right, there are three input boxes for answers a), b), and c), and a "Submit Answer" button. Below the task is a video player for "Clip 4 READING SCALES" with a "View One Minute Version" link. To the right of the video, there is a comment section with the text: "Your teacher might want to give you some advice on how to tackle this assignment. Their comments will appear here."



**Tests** are a little more constrained.

They are timed, you only get one attempt, the video covering the topic is not displayed and they get automatically submitted once the allocated time has run out (please note: the countdown starts as soon as you access one of the questions and it cannot be stopped/paused).



## FAQ

*I've forgotten my password, can you email it to me please?*

I'm afraid that for obvious safety reasons, we can't.

As mentioned earlier, please contact your teacher. They will be able to reset it for you.

*I entered the correct answer but the system is marking it wrong. What shall I do?*

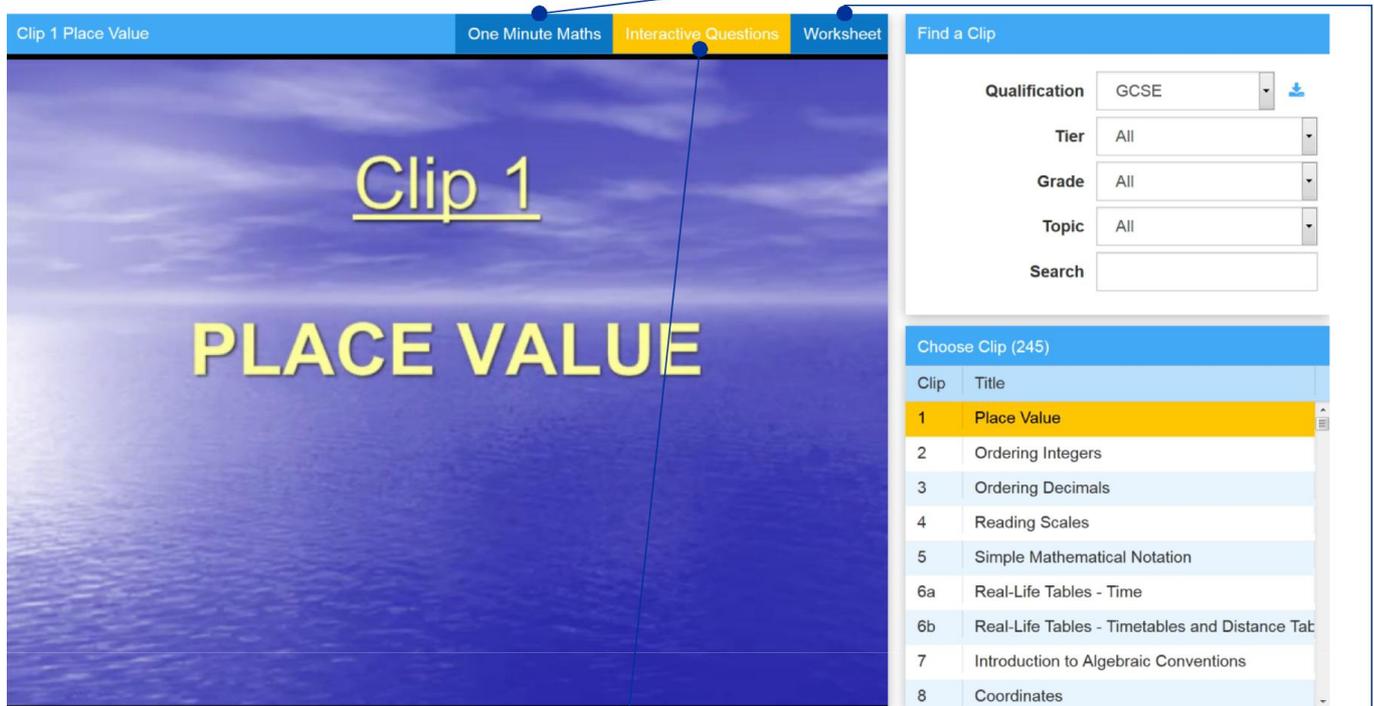
Take a screenshot of your answer and show it to your teacher. They will either find what is missing/wrong in it or contact us to have it fixed. Our marking does occasionally go wrong and we apologise for this. Any requests received **from teachers** are usually analysed and corrected within the hour. Please note that we are unable to treat requests sent to us directly by students.

*I am struggling to input my answers in my android tablet/phone. What shall I do? We are aware of tiny glitch affecting only a small number of android users. You are unfortunate to be amongst those. We will soon have it fixed and advise you to complete your homework on a laptop/desktop in the meantime.*

## Working independently

The “Videos” section gives access to lessons covering your curriculum.

Each lesson comes in two versions. A full-length explanation video and a One-Minute version ideal for quick revision.



The screenshot shows the MathsWatch interface. At the top, there are navigation tabs: 'Clip 1 Place Value', 'One Minute Maths', 'Interactive Questions', and 'Worksheet'. The main area displays a video player with the text 'Clip 1' and 'PLACE VALUE' overlaid on a blue background. To the right, there is a 'Find a Clip' sidebar with search filters for Qualification (GCSE), Tier (All), Grade (All), and Topic (All). Below the filters is a 'Choose Clip (245)' list with the following items:

Clip	Title
1	Place Value
2	Ordering Integers
3	Ordering Decimals
4	Reading Scales
5	Simple Mathematical Notation
6a	Real-Life Tables - Time
6b	Real-Life Tables - Timetables and Distance Tab
7	Introduction to Algebraic Conventions
8	Coordinates

You also get access to a bank of interactive questions allowing you to test your newly acquired skills with real exam-type questions. With immediate feedback and the ability to even mark your working when needed, our system is the only one of its kind. You will get a realistic experience of what answering all types of exam questions is really like.

Please note that our marking bots have been programmed to attribute marks just like a human examiner would. If at any stage you feel that your answers aren't getting the correct amount of marks, please speak to your Maths teacher. They will either find what is missing/wrong in your answer or simply contact us to have it fixed.

Finally, as if this wasn't enough, you also have a PDF worksheet full of practice questions available. Most schools make the answers to these available on their own VLE. Alternatively, speak to your teacher and they will guide you on how best to use these extra questions.

### Tips and advice tutorials:

You will find in the “Extras” section help on how to input certain type of answers and on how to use our construction tools.

How to type powers 

How to type fractions 

How to type mixed numbers 

How to use the construction tools 

### Answering multi-step questions

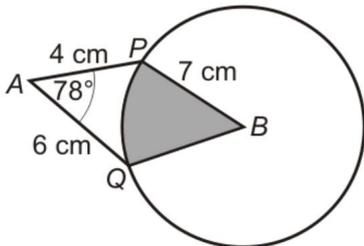
The type of questions students often find the hardest to tackle are the multi-step ones. Here is an example:

Question Progress



Submit Answer

The point  $B$  is at the centre of the circle.  
The points  $P$  and  $Q$  are on the circumference of the circle.



Calculate the area of the shaded sector.  
Take  $\pi$  to be 3.142 in your working.  
Give your final answer to 1 decimal place.

The ingenuity of MathsWatch is that it lets you submit each of your working steps, informing you whether or not you are heading in the right direction. A bit like a teacher would.

Here I tried using the cosine rule and clicked "Submit Answer". The 2 marks allocated suggest I am on the right path:

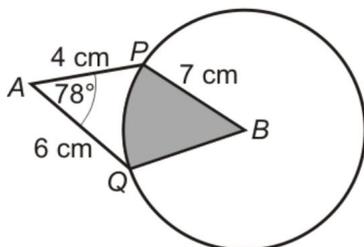
Question Progress

2 / 9 Marks



Submit Answer

The point  $B$  is at the centre of the circle.  
The points  $P$  and  $Q$  are on the circumference of the circle.



Calculate the area of the shaded sector.  
Take  $\pi$  to be 3.142 in your working.  
Give your final answer to 1 decimal place.

$PQ^2 = 6^2 + 4^2 - 2 \times 6 \times 4 \times \cos 78^\circ$

Encouraged with these first 2 marks, I carry on with my working and submit my next line:

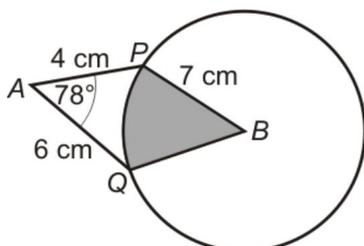
Question Progress

4 / 9 Marks



Submit Answer

The point  $B$  is at the centre of the circle.  
The points  $P$  and  $Q$  are on the circumference of the circle.



Calculate the area of the shaded sector.  
Take  $\pi$  to be 3.142 in your working.  
Give your final answer to 1 decimal place.

$PQ^2 = 6^2 + 4^2 - 2 \times 6 \times 4 \times \cos 78^\circ$   
 $PQ^2 = 42.02$  so  $PQ = 6.48$

Yes!!! I can do this. I can now merrily proceed with my logical steps until I achieve the full 9 marks for this question.

Only MathsWatch can cope with such a level of sophistication and guidance when it comes to helping you achieve your true potential. So from now on, when it comes to Maths revision, don't just watch it, MathsWatch it!!!

### Keeping track

The “My Progress” section will help you stay in control of your progress and achievements.

My Progress

# 97

Videos Watched

# 236

Questions Answered

**Search By Video Name**      **Qualification**      **Grade**      **Topic**      **Time Period**

Search Videos      GCSE     All     All     All

#	Video	Last Watched	Interactive Questions	Last Attempted
1	Place Value	9:15 26/9/2017	23/23	9:32 26/9/2017
2	Ordering Integers		12/12	17:49 26/9/2017
3	Ordering Decimals	18:07 26/9/2017	16/16	18:20 26/9/2017
4	Reading Scales	17:41 17/9/2017	18/20	15:55 30/9/2017
5	Simple Mathematical Notation	15:53 3/10/2017	18/18	10:17 4/10/2017
6a	Real-Life Tables - Time	16:25 13/9/2017	15/16	19:06 15/9/2017
6b	Real-Life Tables - Timetables and Distance Tables	16:40 13/9/2017	25/25	12:12 23/9/2017

Using the various filtering options, you can quickly identify your areas of strength and those in need of further development.

Clicking on the column headers can also help you sort the data in a more convenient way. This can be used very effectively to quickly remind yourself of which topics you recently covered, as well as of those that you haven't tackled yet.

Please note that the “My Progress” page only records the activity undertaken independently. Results of questions attempted within your assignments are not included here.

Whether it is to improve your interactive questions score or just to refresh your memory on a topic, you will revisit videos and questions from time to time. To help you optimise your time and efforts, the system will remind you of which questions you have already successfully attempted in the past. This will be done with a green tick appearing on the question tab:

Standard Questions

1 ✓

2 ✓

Harder Questions

1 ✓

2

3

4 ✓

Question Progress


✗

a)

Here for instance, I can see that I have already managed to get 4 out of these 6 questions correct on a previous visit. I might now want to focus on the 2 remaining questions that I am yet to answer correctly or re-attempt them all if I wish.

Please be aware that your last attempt's score to a question will always prevail on what is kept on records.

