

Maths Watch Passport to Success

When school closed you had never used Maths Watch before.

This PowerPoint has been designed to help you to improve and become competent using Maths Watch working on both set work and independently.

It will also help you to learn how to write the correct notation and how to use the construction tools.

You will be asked to complete several tasks at the end and when successfully completed you will be rewarded with your passport.



MathsWatch

How to use MathsWatch

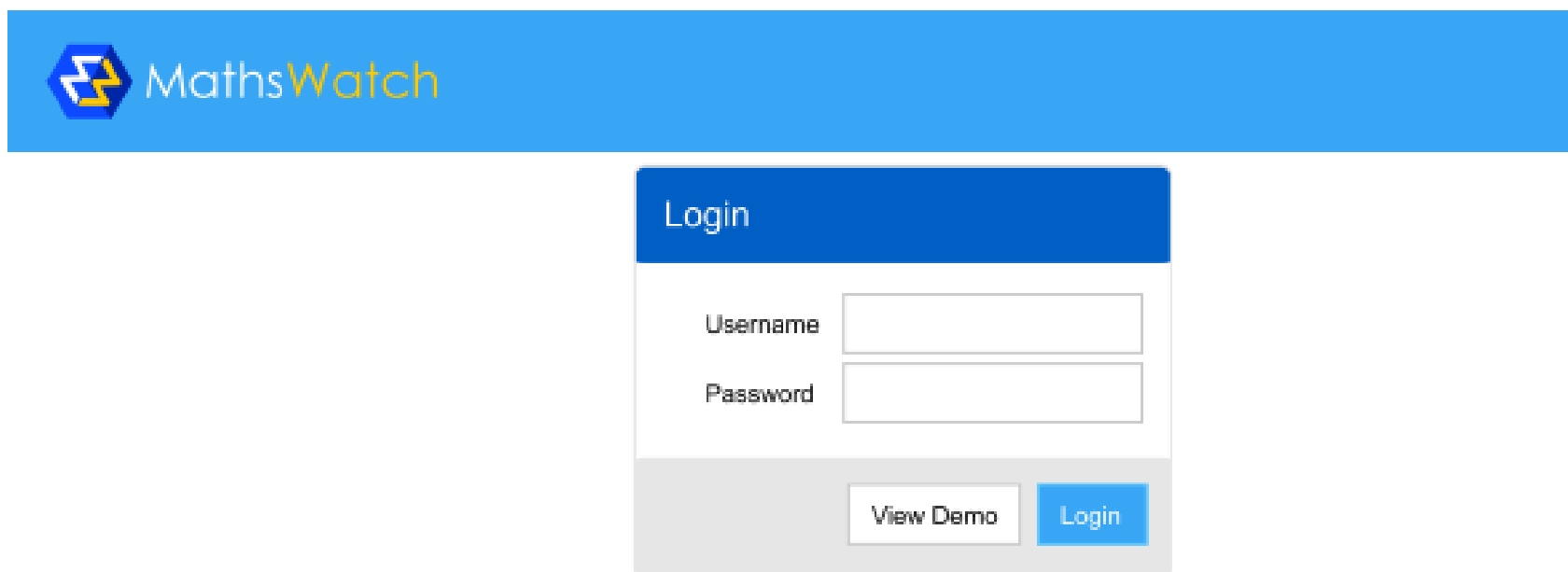
This PowerPoint will cover all the points listed below.

- Login
- How to complete an assignment – homework and test.
- How to access a video tutorial
- How to use the construction tools
- How to write powers, fractions and mixed numbers
- How to do additional independent work.
- How to check your progress.

Login

Please navigate to 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, which consists of a blue hexagon containing a yellow and blue stylized 'M' and 'W' symbol, followed by the text 'MathsWatch' in white and yellow. Below the header is a white login box with a blue title bar that says 'Login'. Inside the box, there are two input fields: 'Username' and 'Password'. At the bottom of the box, there are two buttons: a white 'View Demo' button and a blue 'Login' button.

Please login with the details your teacher has given you.

If you don't know your login details contact your teacher through Google Classroom

Task Bar

When you have successfully logged in to MathsWatch this is the task bar at the top of your screen



My Work

Videos

My Progress

Extras

Bethan's account
Logout
286 days until renewal

Your screen will always open at **My Work**. This is where you will see the assignments set by your teacher.

The **Videos** section is where you can work independently. Here you will find video tutorials and practice questions.

My Progress enables you to track your progress. It will show you your strengths and topics you need to develop further.

Extras is the help section. Here you will find guidance on how to use Maths Watch.

Assigned Tasks

After a successful login you will always be presented with your “My Work” section

"Mathematical Notations" is due in 1 day. [click here to complete](#)

Please check your assignments below, you have 1 unread message

Assigned Work

[This Year's Work](#) [All Work](#) Showing All Types ▾

Homework Average: 97.3% Test Average:

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.

Your teacher is able to leave feedback to help with some of the questions you found challenging. You can even respond and request more help if needed.

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.

Completing a Homework Task

Homeworks 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 homework task interface for 'Reading Scales'. At the top, there is a blue header with the title 'Reading Scales' and a 'Return to Assigned Work' button. Below the header, there is a progress bar and a question: 'What numbers are the arrows pointing to?'. The question is followed by three number lines, each with an arrow pointing to a specific value. The first number line is labeled 'a)' and has an arrow pointing to 65. The second number line is labeled 'b)' and has an arrow pointing to 8.5. The third number line is labeled 'c)' and has an arrow pointing to 3.0. To the right of the number lines, there are three input boxes for answers, labeled 'a)', 'b)', and 'c)', and a 'Submit Answer' button. Below the main question area, there is a video player showing a clip titled 'Clip 4 READING SCALES'. The video player has a play button and a progress bar. To the right of the video player, there is a text area with the following text: 'Reading Scales', 'Your teacher might want to give you some advice on how to tackle this assignment.', and 'Their comments will appear here.'

Always watch the video tutorial before answering any questions

Completing a Test - You only get one attempt

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).

Mathematical Notations

Overview

1

2

3

4

Mathematical Notations

4 questions, 10 marks

This is a timed test. The timer will countdown from viewing the first question. You have 6 minutes to complete the test.

Begin Test

Mathematical Notations

Overview

1

2

3

4

Time Remaining 0:00:32

time 0:05:30

Which one of the symbols, <, > or =, will make each statement true?

a) $8 \dots 3$

b) $-2 \dots -6$

c) $5 + 7 \dots 17 - 5$

d) $-9 \dots -4$



a)

b)

c)

d)

Next Question

**You have not yet been set a test.
Tests will be set in the future to assess your progress.
This is likely to be when we return to school.**

Working Independently

The video section gives you access to questions covering your curriculum.

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

The screenshot shows the One Minute Maths website interface. The main content area displays 'Clip 1 PLACE VALUE' on a blue background. A navigation bar at the top includes 'Clip 1 Place Value', 'One Minute Maths', 'Interactive Questions', and 'Worksheet'. On the right, there is a 'Find a Clip' search panel with filters for Qualification (GCSE), Tier (All), Grade (All), and Topic (All). Below the search panel is a 'Choose Clip (245)' list with '1 Place Value' selected.

PDF worksheets you can print.

It is very important to complete extra work and work independently.

This will help you to secure your learning and insure it is sustained over time.

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.

Independent Work Continued

Students now have an option of how they want to search for video clips.

The qualification box needs to read GCSE.

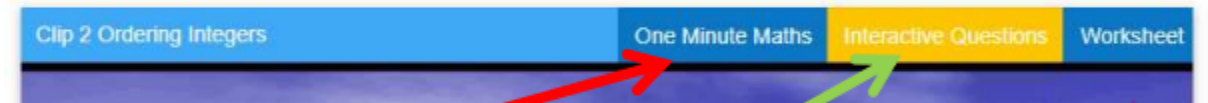
It will then make a number of options available to you.

Students can type the exact video clip if known into the search box. It will then direct them to the clip directly.

If students are wanting to use maths watch for revision they can enter their tier (Foundation/ Higher) for topics relating specifically to these tiers of entry (Y9/Y10/Y11 students only). Alternatively, they can search clips that are directly linked to their target grades e.g grade 4/ grade 5 or they can search via topic.

Once selected the video clip will play. Clips are usually between 2-8 minutes in length. They provide step by step examples and give students an opportunity to pause the clip, have a go and then the answers are displayed for students to check their understanding.

At the end of the clip there are other options available to your child. At the top of the video clip you will see a tool bar that looks like this:



One Minute Maths is a condensed video clip. A really good alternative when revising topics for an exam.

Interactive Questions: A mini test based on the clip your child has viewed. GCSE maths practice questions are here. All questions are marked instantly to give your child instant feedback. They can revisit the clip/ interactive questions as many times as they need to.

More GCSE Maths Questions on the clip found here.

Keeping Track of Progress

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



Topics Watched



Questions Answered



Acquired Skills



Mastered Skills

Note your teacher tracks your progress too and has access to all this information. Your teacher will know how well you are doing, how many videos you have watched, how many questions you have answered and how much independent work you have completed. They will use the information to help you improve.

#	Skill	Video	Last Watched	Views	OMM	Interactive Questions	Last Attempted
1	★	Place Value	9:15 11/9/2018	1	0	29 / 29	21:02 11/9/2018
2	★	Ordering Integers		0	1	11 / 11	21:14 11/9/2018
3	★	Ordering Decimals	18:07 12/9/2018	1	0	20 / 20	15:50 13/9/2018
4	★	Reading Scales	17:41 10/9/2018	1	0	17 / 17	16:09 13/9/2018
5	✓	Simple Mathematical Notation	15:53 13/9/2018	1	0	20 / 25	16:17 13/9/2018
6a	★	Real-Life Tables - Time	16:50 13/9/2018	1	0	23 / 23	16:58 13/9/2018
6b	★	Real-Life Tables - Timetables and Distance Tables	18:40 13/9/2018	1	0	19 / 19	18:50 13/9/2018
7	★	Introduction to Algebraic Conventions		0	0	17 / 17	18:55 13/9/2018

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.

Progress made during Independent Work.

Acquiring and mastering skills are measured only with **Independent Work**.



To Acquire a skill, simply watch fully its video and then successfully complete 2 Standard Interactive Questions and 2 Harder Interactive Questions.

A skill is Mastered by correctly answering all its Interactive Questions.

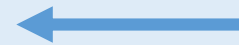
How to type powers

Index or Power

$$4^3 = 4 \times 4 \times 4$$

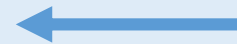
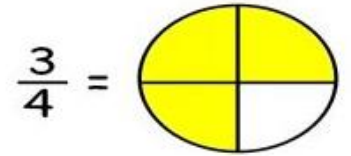
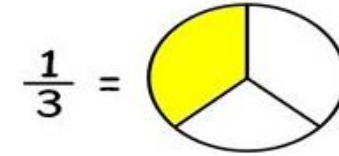
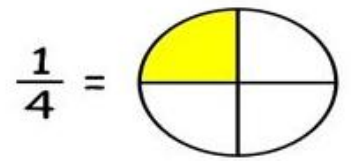
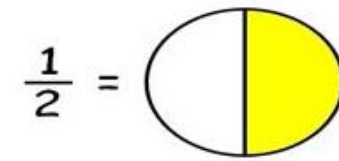
Base

Expanded Form



**Click on the
diagram to
watch a video
showing you
how to type
powers**

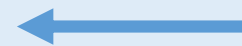
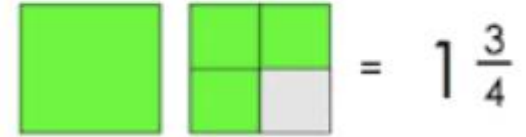
How to type fractions



Click on the diagram to watch a video showing you how to type fractions

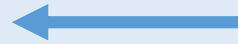
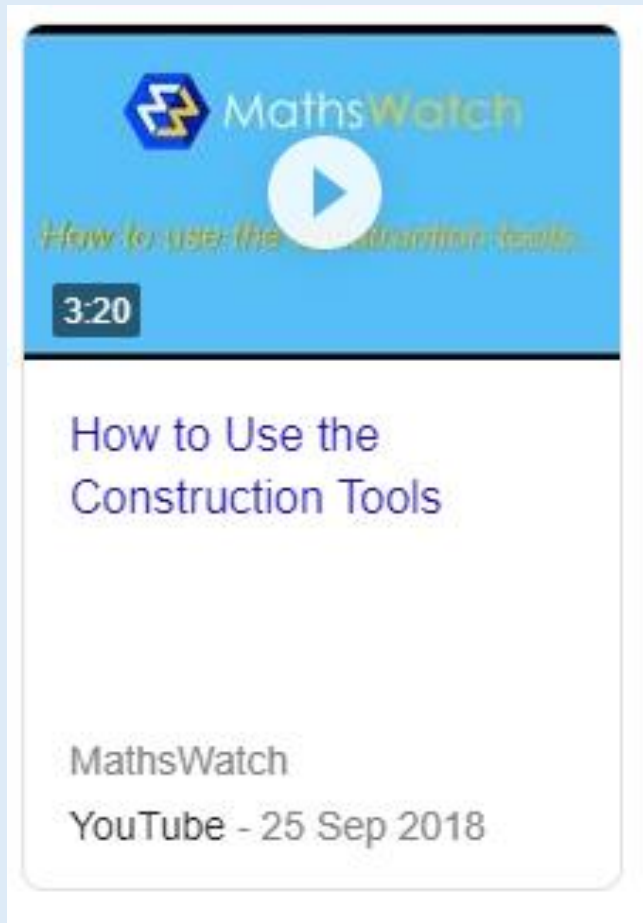
How to type mixed numbers

- A mixed number has a part that is a whole and a part that is a fraction.



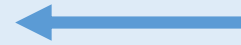
Click on the diagram to watch a video showing you how to type mixed numbers.

How to use the construction tools



Click on the diagram to watch a video showing you how to use the construction tools.

How to draw an angle



Click on the diagram to watch a video showing you how to draw an angle.

How to get your passport.

- **Complete the passport assignment on Maths Watch and achieve 100%**
- **Watch 10 video tutorials.**
- **Complete independent work and master one skill.**

Your teacher will check you have completed the above and issue you with your passport.

GOOD LUCK.

Ysgol Bryn Alyn



Maths Watch Passport to Success

Name of Student.....

Has successfully completed all the criteria demonstrating competent use of Maths Watch

1. 100% achieved for Passport Assignment
2. Watched 10 video tutorials
3. Worked independently and mastered at least one skill.

Teacher awarding certificate

16 June 2020



MathsWatch