

## Dear Teacher

Many thanks for registering your students for the **Four Nations Maths Challenge 2010**.

This exciting challenge will involve students answering questions correctly online over the duration of the Challenge (8 to 12 November 2010) at school and at home. The students gain points by playing the Live Mathletics online game (1 point for every correct answer) and answering interactive maths questions (10 points for every correct answer). Students may gain points in the practice week prior to the event but no points will be recorded until the start of the Four Nations Maths Challenge on Monday 8 November.

We know you are in for an exciting week as your students get hooked on maths. Good luck in the Challenge!

## Quick Start Guide

This guide is designed as an easy reference for you in navigating around the Mathletics website and getting the most out of the interactive curriculum during the challenge:



### Student Centre

- 1A Students signing in to [www.fournationsmathschallenge.co.uk](http://www.fournationsmathschallenge.co.uk)
- 1B Playing Live Mathletics
- 1C Working on curriculum activities



### Teacher Centre

- 2A Teachers signing in to [www.fournationsmathschallenge.co.uk](http://www.fournationsmathschallenge.co.uk)
- 2B Setting curriculum tasks and reviewing results
- 2C Setting minimum levels in Live Mathletics

## Support

Our support team are available Monday to Friday from 8.30am until 5.00pm to answer questions and provide assistance with using the program. Just give us a call on **0117 370 1992** or email us at:

[england@3plearning.com](mailto:england@3plearning.com)  
[northern.ireland@3plearning.com](mailto:northern.ireland@3plearning.com)  
[scotland@3plearning.com](mailto:scotland@3plearning.com)  
[wales@3plearning.com](mailto:wales@3plearning.com)

Good luck!

The Mathletics Team

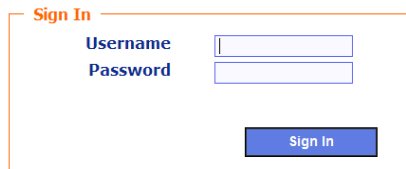


## The Launch Lesson

Be prepared for an exciting lesson! It is best to introduce Mathletics in a computer lab where each student will have access and there is a data projector or interactive white board available (demonstration computer). Please check that the computers have the **minimum technical requirements**. Visit the challenge website [www.fournationsmathschallenge.co.uk](http://www.fournationsmathschallenge.co.uk) and look in the Resources section under Technical Help for more information.

Visit [www.fournationsmathschallenge.co.uk](http://www.fournationsmathschallenge.co.uk) on the demonstration computer. Explain to the students that they are about to represent their country by playing maths against students from schools in England, Northern Ireland, Scotland and Wales!

## STEP 1 Student Centre

### 1A Students signing in to [www.fournationsmathschallenge.co.uk](http://www.fournationsmathschallenge.co.uk)

<p>→ Direct students to sign in at <a href="http://www.fournationsmathschallenge.co.uk">www.fournationsmathschallenge.co.uk</a> with their usernames and passwords.</p> <p>To print user details, please see <b>Step 2A</b>.</p> <p>If students forget their passwords, you can always access them from the Teacher Centre.</p>	 <p>Click <a href="#">here</a> if you have forgotten your Sign In details.</p>
<p>→ The first time your students sign in, they will be asked to create their Mathlete using the Face Maker. This is the character that will represent them. Ensure that your students save any changes before returning to the main Student Centre.</p>	
<p>→ Inform the students that they can earn credits for by improving their results. The credits are used to purchase new items for their Mathlete (the virtual shop is accessed by clicking on the money bag in the Face Maker).</p>	

## 1B Playing Live Mathletics

→ Live Mathletics is a great place to start! Ask students to click on **Play Live Mathletics**.



→ Students can select the level they want to play at by clicking on the appropriate icon (details of what is involved in each level are displayed by hovering the mouse over each icon). Then ask them to click on **Find Me a Game**.



→ The program will then search for any other Mathletes who are playing online at the same time. The students will play against other students who want to play at the same level as them.



→ The idea of the game is to correctly answer as many questions as possible in 60 seconds. Tell your students to be careful, 3 strikes and they're out of the game! Students should keep an eye out for the red line; this represents their personal best score.



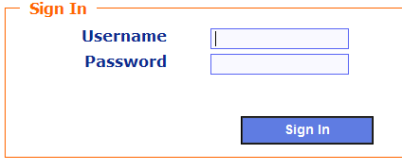


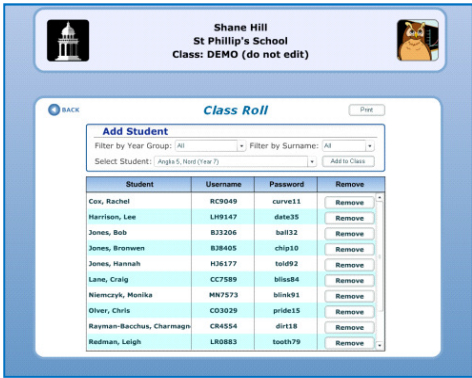
## 1C Working on curriculum activities

<p>→ Return to the main Student Centre and select a topic of work aligned to your current teaching programme.</p>	
<p>→ Each of the topics will feature an <b>Are You Ready</b> pre-test, a series of activities and a test. To enter an activity, guide students to click on an appropriate option.</p>	
<p>→ Most activities are organised into sets of 10 questions, drawn from an unlimited bank of questions. As the questions are answered, students will receive immediate feedback on their response.</p>	
<p>→ Visual <b>Support</b> is always available for students to see how a similar question can be solved.</p> <p>Encourage the students to stop and think why they might have made a particular mistake and how to solve it correctly next time. If the students are at all unsure as to how to solve the problem they should visit the Support Centre.</p>	

Set the students the challenge of gaining 1000 points. Students gain 1 point for each correct answer in **Live Mathematics** (2 points for their bonus level) and 10 points per correct answer in the **Full Curriculum** activities! These points determine the rankings on the **Hall of Fame**.

## STEP 2 Teacher Centre

### 2A Teachers signing in to [www.founationsmathschallenge.co.uk](http://www.founationsmathschallenge.co.uk)

<p>→ Using your teacher username and password, sign in at <a href="http://www.founationsmathschallenge.co.uk">www.founationsmathschallenge.co.uk</a>.</p>	 <p>Click <a href="#">here</a> if you have forgotten your Sign In details.</p>																																												
<p>→ Once you sign in you will be in your Teacher Centre. To print the user details for each of your classes, simply click on the <b>Print</b> link under <b>Sign In Cards</b> that corresponds with the class you need the details for.</p>																																													
<p>→ On the same page as above, click on <b>Class Admin</b> to see everything you will need to track your students' progress.</p>																																													
<p>→ Click on <b>Class Roll</b> to see your class list. From here you can also print your sign in cards for your class.</p>	 <table border="1" data-bbox="917 1753 1220 1933"> <thead> <tr> <th>Student</th> <th>Username</th> <th>Password</th> <th>Remove</th> </tr> </thead> <tbody> <tr> <td>Cox, Rachel</td> <td>RC9049</td> <td>curve11</td> <td>Remove</td> </tr> <tr> <td>Harrison, Lee</td> <td>LH9147</td> <td>date35</td> <td>Remove</td> </tr> <tr> <td>Jones, Bob</td> <td>B33206</td> <td>ball32</td> <td>Remove</td> </tr> <tr> <td>Jones, Bronwen</td> <td>B38405</td> <td>chip10</td> <td>Remove</td> </tr> <tr> <td>Jones, Hannah</td> <td>H36177</td> <td>toil92</td> <td>Remove</td> </tr> <tr> <td>Lane, Craig</td> <td>CC7589</td> <td>bliss84</td> <td>Remove</td> </tr> <tr> <td>Niemczyk, Monika</td> <td>MN7573</td> <td>blink91</td> <td>Remove</td> </tr> <tr> <td>Oliver, Chris</td> <td>CO3029</td> <td>pride15</td> <td>Remove</td> </tr> <tr> <td>Rayman-Bacchus, Charmagn</td> <td>CR4554</td> <td>dir118</td> <td>Remove</td> </tr> <tr> <td>Redman, Leigh</td> <td>LR8883</td> <td>tooth79</td> <td>Remove</td> </tr> </tbody> </table>	Student	Username	Password	Remove	Cox, Rachel	RC9049	curve11	Remove	Harrison, Lee	LH9147	date35	Remove	Jones, Bob	B33206	ball32	Remove	Jones, Bronwen	B38405	chip10	Remove	Jones, Hannah	H36177	toil92	Remove	Lane, Craig	CC7589	bliss84	Remove	Niemczyk, Monika	MN7573	blink91	Remove	Oliver, Chris	CO3029	pride15	Remove	Rayman-Bacchus, Charmagn	CR4554	dir118	Remove	Redman, Leigh	LR8883	tooth79	Remove
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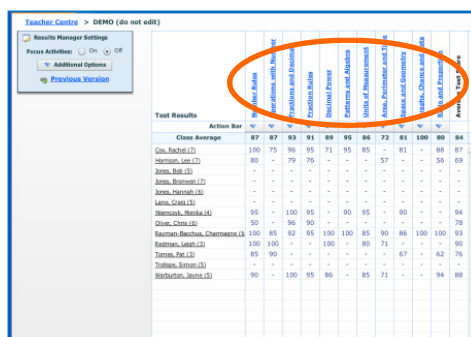
## 2B Setting curriculum tasks and reviewing results

→ Click on **Results Manager** to access the interactive mark book. From here you will be able to set tasks and monitor class results.

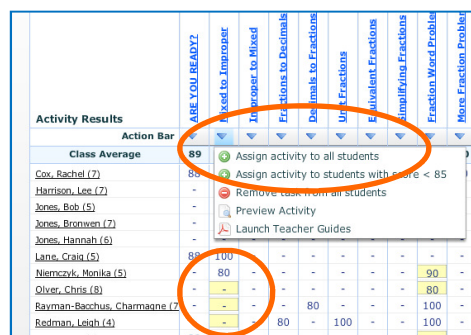


**RESULTS  
MANAGER**

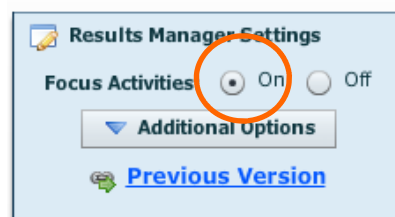
→ The first page you see will display test results for each topic, to view a particular activity you can click on the blue hyperlinks at the top of the page. To navigate backwards, use the menu in the top left corner.



→ Setting a task is easy! Use the blue arrow below the activity you want to set; this will display the **Focus Activity** menu. You can use this to set a task for the whole class. You can also set tasks for individual students by clicking on the cell that corresponds with their name and the activity. Cells will turn yellow once a task is set.



→ It is important to remember to turn the **Focus Activities On**. Once you have done this, students will not be able to access anything else in Mathletics until they have completed the work you set!



## 2C Setting minimum levels in Live Mathematics

→ Your students will soon become competent on the lower levels in Live Mathematics and you may wish to ensure that they play at a level appropriate to their ability. Click on **Live Mathematics Report** to see your students' mental arithmetic progress.



**LIVE  
MATHLETICS  
REPORT**

→ You can use the results to decide whether to limit your students' access to the easier **Live Mathematics** levels. To do this, click on the blue **Set Levels in Live Mathematics** bar.

Live Mathematics Report - Level 1						
<input type="radio"/> Level 1 <input type="radio"/> Level 2 <input type="radio"/> Level 3 <input type="radio"/> Level 4 <input type="radio"/> Level 5						
First Name	Last Name	Correct Answers	Accuracy %	Questions/Mis	High Score	
Rachel	Cox	237	99.2%	51.0	54	
Lie	Harrison	71	97.2%	23.0	37	
Bob	Jones	-	-	-	-	
Bronwen	Jones	166	95.4%	27.0	35	
Hannah	Jones	-	-	-	-	
Craig	Lane	-	-	-	-	
Monika	Niemczyk	657	98.9%	34.6	56	
Chris	Oliver	1787	96.6%	20.7	74	
Charmagne	Rayman-Bacchus	7366	97.8%	23.6	63	
Lugh	Radman	1234	95.2%	51.6	66	
Pat	Tomes	602	84.9%	28.4	49	
Simon	Trollope	-	-	-	-	
Izzyne	Warburton	411	96%	35.4	43	

Setting each student's minimum level blocks them from playing at lower levels.

→ Choose to either restrict the whole class by clicking on the **Select All** radio button, or to set minimum levels for each student. Changes will be saved automatically.

Live Mathematics levels					
Setting each student's minimum level blocks them from playing at lower levels.					
View instructions					
First Name	Last Name	Level 1 and above	Level 2 and above	Level 3 and above	Level 4 and above
Rachel	Cox	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lie	Harrison	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bob	Jones	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bronwen	Jones	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hannah	Jones	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Craig	Lane	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monika	Niemczyk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chris	Oliver	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Charmagne	Rayman-Bacchus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lugh	Radman	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pat	Tomes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Simon	Trollope	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Izzyne	Warburton	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Select All		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Now you are ready to go! Your students can practise as much as they like before the challenge starts and will be able to access the website from home or school. REMEMBER you will need to sign in to the following website to participate in the event:

[www.fournationsmathschallenge.co.uk](http://www.fournationsmathschallenge.co.uk)

Please do not hesitate to contact the Four Nations Maths Challenge Team on **0117 370 1992** or email us at:

[england@3plearning.com](mailto:england@3plearning.com)

[northern.ireland@3plearning.com](mailto:northern.ireland@3plearning.com)

[scotland@3plearning.com](mailto:scotland@3plearning.com)

[wales@3plearning.com](mailto:wales@3plearning.com)

## Dear Parent or Guardian

As part of the school's maths learning program, your child's class will shortly be participating in the Four Nations Maths Challenge 2010. This is a huge online competition for schools right across the UK which aims to engage students in mathematics in a fun and exciting way.

The competition uses Mathletics, a maths website that is the next generation in learning and helps students enjoy mathematics and achieve outstanding results. Your child will have 24 hour access to Mathletics through a unique username and password\*. This means that students can work at their own pace; anywhere, anytime.

### About Mathletics

Mathletics is a web-based learning program that integrates home and school learning via the internet; it is one of the world's most used educational websites. Mathletics helps students enjoy maths and achieve outstanding results.

### Mathletics at Home

We recommend that you spend time looking at the program with your child so that you can gain the greatest understanding of how Mathletics will benefit his or her learning. Points earned at home will also count towards the school, class and individual results so do encourage your child to take part!

To get started, visit [www.fournationsmathschallenge.co.uk](http://www.fournationsmathschallenge.co.uk) and ask your child to sign in with his or her username and password.

If you experience difficulty in loading the Four Nations Maths Challenge website at home please contact us on **0117 370 1992** or email us at:

[england@3plearning.com](mailto:england@3plearning.com)

[northern.ireland@3plearning.com](mailto:northern.ireland@3plearning.com)

[scotland@3plearning.com](mailto:scotland@3plearning.com)

[wales@3plearning.com](mailto:wales@3plearning.com)

Good luck in the competition!

## The Four Nations Maths Challenge Team

\*3P Learning is committed to protecting the safety and security of their registered users, please visit [www.mathletics.co.uk](http://www.mathletics.co.uk) to view our Privacy Policy.