



# Launching Mathletics With Your Class

Mathletics is an interactive e-Learning resource, being used by over 2,000 schools. Originating in Australia, Mathletics is now being used in over ten countries.

The primary goal of Mathletics is to improve Maths results. We are exceptionally proud of the fact that already more than 100,000 students have more than doubled their mental arithmetic skills using the program. We are also delighted to hear that students love Mathletics – in the 18 months since launch students have correctly answered more than 800 million questions! In the recent World Maths Day (hosted by Mathletics) students around the globe set a world record, answering nearly 39 million questions!

Mathletics provides many benefits for teachers and schools. Of greatest value is the continual formative assessment which can be used diagnostically to guide both class and individual instruction.

This guide is designed to help you introduce Mathletics to your class. Additional information can be found within the following guides:

- Mathletics for Students
- Mathletics for Teachers
- Mathletics for Mathematics Coordinators

## Prior to the Launch Lesson

You will need to print your Student Sign In cards. To do this:

### Step 1: Visit [www.mathletics.com](http://www.mathletics.com)

The screenshot shows the Mathletics website interface. At the top, there are navigation tabs for HOME, ABOUT US, LEARNING, and SIGN IN. Below the navigation, there is a section for 'Mathletics online: 594' with a world map showing active users. A 'Benefits of Mathletics' section lists several advantages. A 'VIDEO' section features a 'Schools talking about Mathletics' video. The 'Mathletics World Hall of Fame' section displays a table of top students and classes from various countries. A 'Mathlete of the Week' profile for Avinash D is also visible.

Rank	Name	School	Score
1	Daniel H	Carlton Public School, NSW, Australia	2,850
2	Christopher M	Terrace Hills Middle School, Texas, United States	2,791
3	Nicoletta W	All Saints Anglican School, QLD, Australia	2,568
4	Isaac T	Radford College, ACT, Australia	2,414
5	Liz T	Carlton Public School, NSW, Australia	2,410
6	Jorge P	Torrillo Middle School, Texas, United States	2,407
7	Kirstein O	East Iberville School, Louisiana, United States	2,370
8	Karika D	Kinross College, WA, Australia	2,265
9	Aaron L	East Iberville School, Louisiana, United States	2,258
10	Valerie R	W R Morell Elementary School, Kentucky, United States	2,237

**Problems Seeing the Website?**  
If you have difficulties viewing the site then you might not have Flash 8 installed. You may need your Network Administrator to do this.

## Step 2: Sign In using the Teacher Sign In details provided to you



### Problems Signing In?

If the Sign In page does not appear then it usually means that pop-ups need to be enabled. See the Trouble Shooting section on the website.

## Step 3: Print the Sign In Cards for your Class

A screenshot of the Mathletics Teacher Centre interface. The header includes a woman's face and the text 'MATHLETICS Inspiring Better Results'. Below the header, it says 'Teacher Centre' and 'Teacher: Miss Lisa Jones Profile'. The main section is titled 'Mathletics Classes' with a 'HELP' icon. A table lists class details, with the 'Sign In Cards' column highlighted by a green circle. Below the table is a link to 'View World Maths Day Results'.

Class	Course	Class Admin	Trial Student	Sign In Cards
6J	Year 6	Class Admin	Trial Student	Print

### Hint

Cut the Sign In cards up for easy distribution to the class.



# 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 requirements: *Good internet access* and *Flash 8 or greater*.

## Step 1: Visit: [www.mathletics.com](http://www.mathletics.com) on the demonstration computer.

- Explain to the students that they are about to play Maths against other students from around the world!

**Problems Seeing the Website?**  
 If you have difficulties viewing the site then you might not have Flash 8 installed. You may need your Network Administrator to do this.

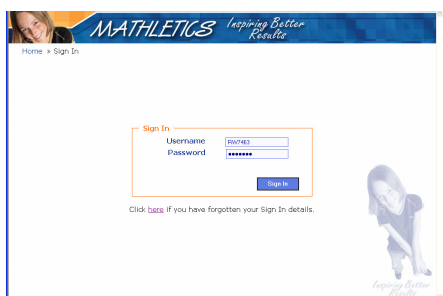
**Hint**  
 It's a good idea to check this before the lesson.

- The Hall of Fame recognizes individuals and classes who have done exceptionally well. Encourage your students to try to appear on the Hall of Fame - the more questions they correctly answer the more points they earn!

World Top 100 Students		World Top 50 Classes		UK Top 100 Students	UK Top 50 Classes
1	Mr Barlow : Year 6	St. Francis College, Brazil, Brazil	56,002		
2	Mr Booth : Year 5	Canadian Academy, Canada, Canada	46,122		
3	Mr Pinchbeck : Year 4	Nanjing International School, China, China	45,509		
4	Mrs Hanley : Year 5	Carlton Public School, NSW, Australia	42,253		
5	Ms Murchie : Year 2	Carlton Public School, NSW, Australia	40,841		
6	Mr Coupland : Year 4	The Kings School, NSW, Australia	39,436		
7	Mr Bruce : Year 7	Anglican Church Grammar School, QLD, Australia	38,038		
8	Andrews : Year 3	Phillippi Shores Elem School, Florida, United States	36,744		
9	Mrs Aitken : Year 4	Carlton Public School, NSW, Australia	36,293		
10	Topping : Year 4	Topping Elementary School, Missouri, United States	35,114		

## Step 2: Sign In

Have a student **Sign In** on the demonstration computer



### Problems Signing In?

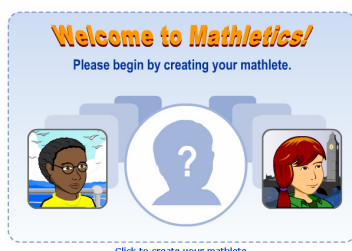
If the Sign In page does not appear then it usually means that pop-ups need to be enabled. See the Trouble Shooting section on the website.

### Hint

It's a good idea to check this before the lesson.

## Step 3: Create Your Mathlete

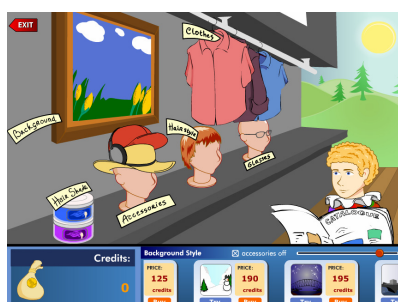
- The first time a pupil signs in he or she will be asked to make their Mathlete. This is the character that they play under.



- Within Mathlete Maker pupils are able to select from all sorts of characteristics.



- Inform the pupils that they are able to earn credits for their Mathlete by gaining High Scores and Participation Certificates. The credits are used to obtain additional items for their Mathlete.



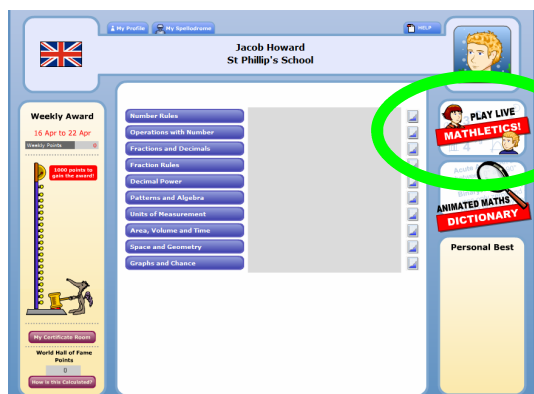
### Hint

Don't let the students take too long making their Mathletes - a few minutes at the most. They can come back to it later!

- Once finished press **Save**

## Step 4: Live Mathletics

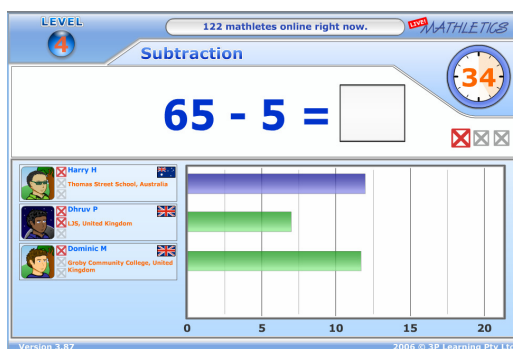
- Have the student on the demonstration computer select **Play Live Mathletics**. Select **Find Me A Game!**



- The computer searches for an opponent



- Usually pupils will be pitched against other pupils - sometimes, they will play against a computer. The idea of the game is to correctly answer as many questions as possible in 60 seconds—be careful 3 strikes and you are out!



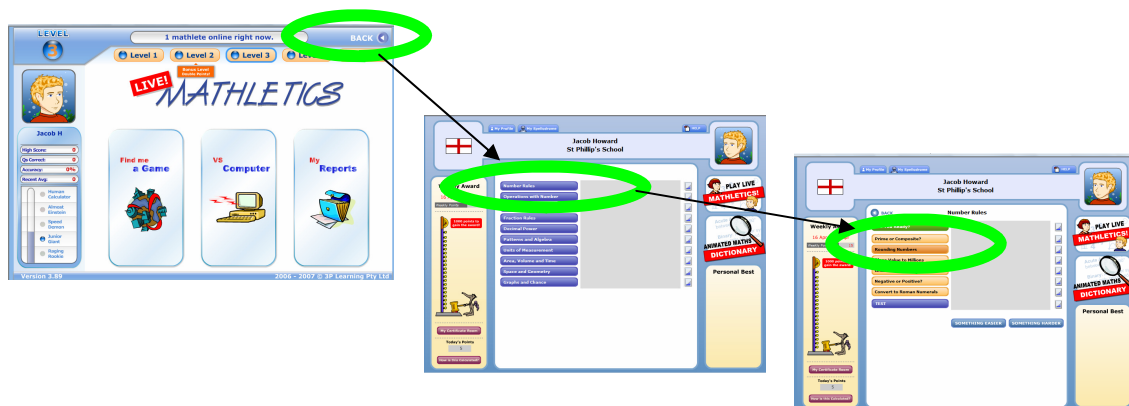
**Hint**  
Pupils will be matched against other pupils of similar ability.

- Now let the rest of class have a turn!

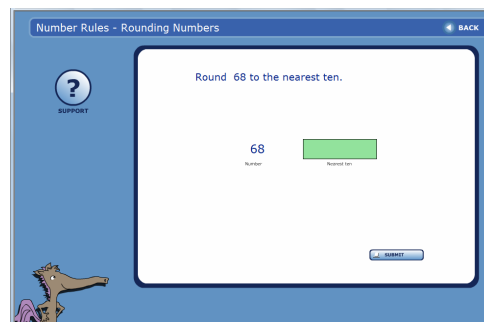
**Hint**  
We recommend that at this stage all of the pupils be allowed to Sign In. They should spend around 2 to 3 minutes on Mathlete Maker and then about 10 minutes playing Live Mathletics. Expect them to be excited!

## Step 5: Full Curriculum

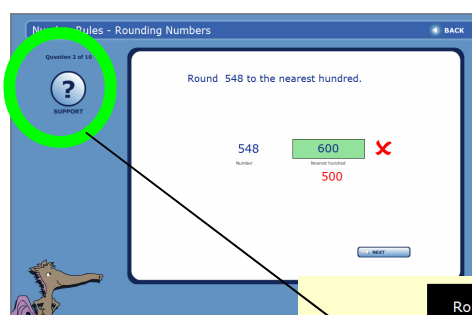
- Stop the class from working on individual computers and have them watch the student on the demonstration computer again. Return to main student centre screen (by clicking on the back button in the top right hand corner of Live Mathematics screen), then have the pupil select a topic and then an activity.



- Select Start Activity and then start answering the question

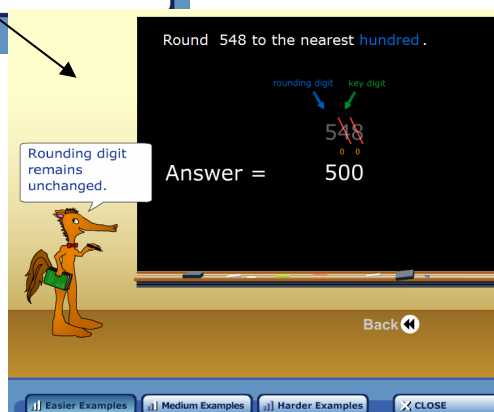


- Encourage the pupils to stop and think why they might have made a particular mistake and to strategise how to solve it correctly next time. If the pupils are at all unsure as to how to solve the problem they should visit the Support Centre.



**Hint**  
Great learning takes place if pupils are able to work out for themselves what they did wrong.

**Hint**  
The Support Centre can be beamed up in a normal lesson and can act as a great way to introduce a concept to the class. The Support Centre is highly visual and steps students through how to solve a particular problem.



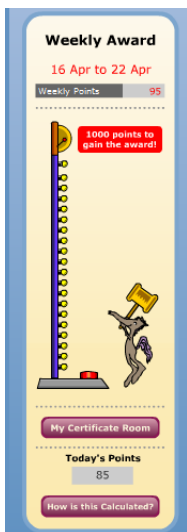
- Pupils will see their results reflected back in the Student Centre.



**Hint**  
Quickly students will start to see their individual strengths and weaknesses. Encourage students to devote extra time to attacking their weaknesses.

### Step 4: Points and Certificates

Set the pupils the challenge of gaining 1,000 points - this will earn them a Participation Certificate for the week. Pupils gain 1 point for each correct answer in Live Mathletics (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.



**Mathletics World Hall of Fame** Time Remaining: 15 h 16 m [view previous](#)

World Top 100 Students		World Top 50 Classes		UK Top 100 Students		UK Top 50 Classes	
1	Daniel H	Hill Top Primary School, England, United Kingdom					3,986
2	Rolland L						3,460
3	Josh F						3,450
4	Tripp D						3,354
5	Charlotte						3,163
6	Jeff R						3,098
7	Andrew F						3,076
8	Jalen A						2,744
9	Samantha						2,736
10	Rolando F	Crescent Elem-Jr High School, Louisiana, United States					2,586

**Profile Card for Daniel H:**  
 Daniel H  
 Hill Top Primary School, England, United Kingdom  
 3986 Points

- Give the class some guidance as to what topics and activities you would like them to work on. Have the pupils return to their computers and complete some full curriculum activities.

**Hint**  
Let the pupils take home their Sign In cards so that they may continue to use Mathletics at home - alternatively have them write their username and passwords in their school diary.  
Encourage them to Sign In from home tonight!

- Encourage the pupils to give it their best and help the class appear on the Class section of the Hall of Fame!