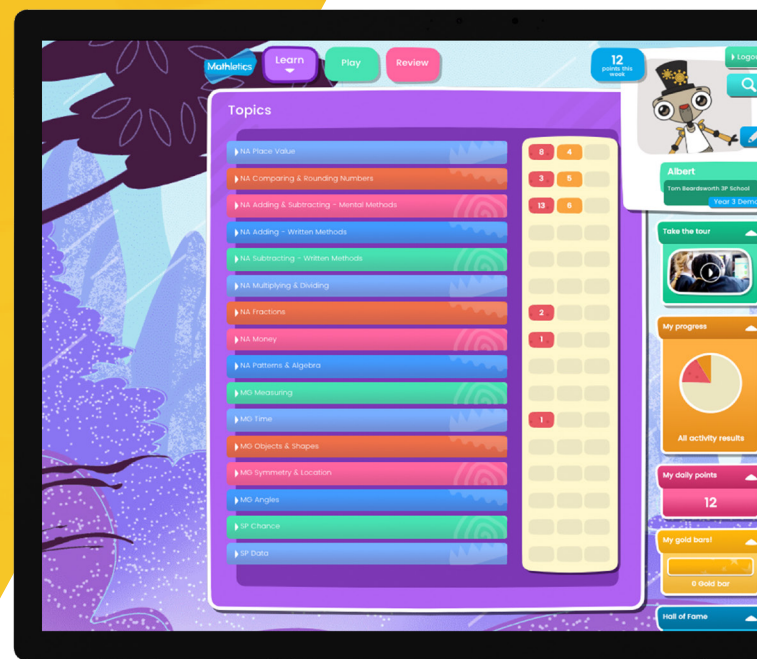


Mathletics

Mathematics competition pack

Teacher guide for home or school

Suitable for all ages



Mathletics

This Mathematics Competition is a great opportunity to get students excited about mathematics, practice their skills in a fun environment, and be recognized for their hard work.

Whether you plan to run the competition with just one class, or you want to get the entire school involved, this pack contains everything you need to coordinate and run a fun, educational online event.

Let's get started!



Plan Your Mathematics Competition

Step 1: Choose participants

You can run the competition between students in a single class or add an extra element of excitement (and challenge!) by getting the entire school and even teachers involved.

Step 2: Select competition dates

This mathematics competition will run for a week (Monday to Friday), and you'll need to pick the exact dates that you'd like to hold the event.

Give yourself enough time before the start date to coordinate everything and communicate the online competition to your students and their parents/guardians.

See page 9 for your parent letter template.

Step 3: Select competition dates

Try to coordinate your entire class (or school) to jump on Mathletics at the same time – either at home or at school. If you've tasked them with Live Mathletics, it'll create a real buzz to have all your students competing against each other, or even have students race against teachers!

If you can't get your students online at the same time, you can ask your students to work on the day's Mathletics activities in their own time.

How much time should I allocate to Mathletics each day?

We recommend 20-30 minutes, as it enables students sufficient time to work on their skills and not lose focus.

Competition Week

Daily Mathematics Activities

Fill your competition with lots of fun mathematics activities to keep your students engaged and excited about working with numbers throughout the week.

Here are some ideas for what you might like to do:

Mathletics Activities:

Live Mathletics and Curriculum activities will count towards your students' score during the competition week. So, encourage them to spend plenty of time on these areas by setting tasks through your Teacher Console.

Live Mathletics:

Live Mathletics is the perfect way to practice and build mathematics skills. Learners challenge each other to a real-time 60 second race that tests the speed and accuracy of their mathematics fluency.

How are points earned?

In Live Mathletics students will earn one point for each correct answer.

Curriculum:

These activities cover the key components of your curriculum. Each curriculum-aligned topic contains a series of assignable activities covering various topics that build students' skills and understanding in that specific area.

How are points earned?

In Curriculum activities students will earn ten points per correct curriculum question answered.

An Extra Element of Fun!

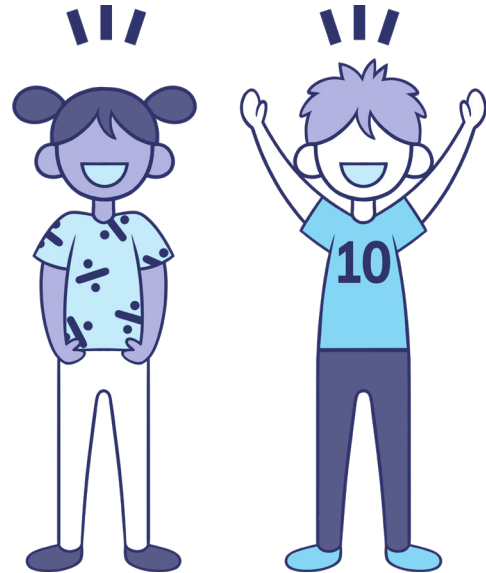
Pair Mathletics activities with some other mathematics-themed fun to help get everyone excited and involved in your week of mathematics.

Here are some ideas you might like to use:

Fancy Dress Day

Dress as maths symbols, mathematicians, or Mathletes. If your students are learning at home, get them (with parents' permission) to send in a photo of their special outfit for the day and award prizes to students for the craziest and most creative costumes.

Tip - If students are unable to dress up you could get them to draw a picture of what their costume would look like!



Mathematics Meals

Why not cook some mathematics-themed food? This could be some fun homework or done anytime if students are learning at home. Encourage your students to cook something they like (with help from an adult!) -this could be a cake, fairy bread, even a pizza. Give students a few simple questions to help them explore the concept of fractions and measurements at home.

Tip – Make it even more fun by asking students to send in a photo of their mathematics meal. Award students a prize for the yummiest looking treat.

Mathematics rap

Set a one-day challenge where your students need to create their own mathematics rap. You could ask them to create a rap to help them remember a specific mathematics concept or let them pick anything (make sure they keep it mathematics-related!).

If your students are in school, they can take turns to present their rap to the class. If they are learning from home, get them to film themselves rapping it out and send it in for you (or the class) to watch. Award a special prize to the best rapper!

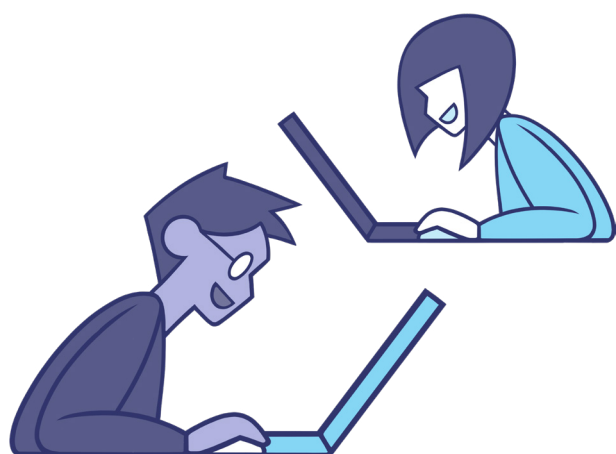
Tip - You might like to suggest your students wear costumes for extra points!



Battle of the teams

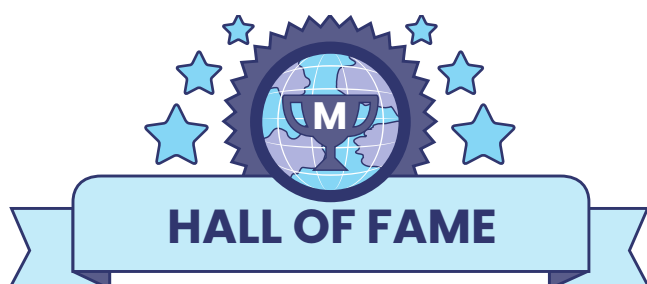
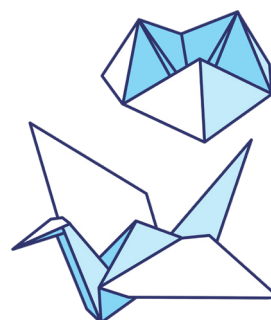
Set up teams within a class or have classes in your school compete against each other in a day of fun maths challenges, awarding the winning team for the day with a special prize.

Tip – Include Live Mathletics in the activity, it's a simple way to get your classes battling it out against each other and using their maths recall skills.



Mathematics Craft Craft

In this mathematics-themed activity, your students will be able to get creative with some paper folding (origami). You might like to give students a specific set of origami instructions to follow or let them find their own intriguing figures to create.



Hall of Fame

Compete against other classes using 'Class Points' to determine which groups of students are the best Mathletes!

You can also use the Mathletics class Hall of Fame (weekly) to encourage your students to get into the Top 50 in the world (and maybe higher!).

Rewards and Celebration

Throughout your competition week you can reward students with our special Mathletics certificates and prizes for their hard work.

You could give prizes for:

- The classes or students who have improved most during the week
- The class or student who accumulated the highest number of points for the week
- The student who completed the most Curriculum curriculum

You can find your Mathletics certificate at the end of this pack.

Tracking Progress During the Competition


Mathletics

Your Teacher Console

Reports and Results will be your go-to tools to help you stay on top of your students' progress during our competition week.

Reports

To view activity points for your students:

- 1 Go to **Reports** → **Student Reports**. 
- 2 Use the date filter at the top of the page to select your competition dates.

You'll now see the number of activity points each of your classes has collected for the period.

All classes
27 April 2020 - 03 May 2020

Participation


All classes	ACTIVITY POINTS	LIVE POINTS	TOTAL POINTS	BRONZE	SILVER	GOLD
Redwood	13810	482	14292	5	0	0



- 3 Click on a class to see an individual students' activity points.

[Back](#) Participation

Mrs A Edmunds	ACTIVITY POINTS	LIVE POINTS	TOTAL POINTS	BRONZE	SILVER	GOLD
LA						
Wales Year 3						
Bowen, Jackson	0	0	0	0	0	0
James, Carter	0	0	0	0	0	0
MAT						
Wales Year 6						
Ayres, Oily	270	0	270	0	0	0
Parry, Kaci	80	0	80	0	0	0
Year 4 *						
Wales Year 4						

To view activity points for your students:

- 1 Go back to your **All Classes** view using the filters.
- 2 Go to **Participation** dropdown.
- 3 Select **Activity Mastery** and click the magnifying glass. 

Redwood ▾ All groups ▾ All students ▾ Activity Mastery ▾ Last week  


You'll now see the number of activities completed by each of your classes.

[Back](#) Activity Mastery

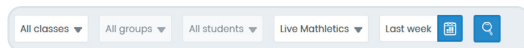
Mrs A Edmunds	46
Year 4 *	
Wales Year 4	
Byard, Tiana Leigh	7
Davies, Annabelle	7
Davies, Anya	
Davies, Ethan	3
Davies, Grace	

- 4 Click on a class and then an individual student's name to see the number of their completed activities.

To view Live Mathletics results for your students:

- 1 Go back to your **All Classes** view using the filters.
- 2 Go to **Participation** dropdown.
- 2 Select **Live Mathletics** and click the magnifying glass. 

Mathletics



You'll now see the Live Mathletics score for each of your classes.

Live Mathletics											
All classes	⬆	Q/MIN (Avg)			CORRECT (Total)		ACCURACY (Avg)			TOP SCORE (Lifetime)	
LEVEL		1	2	3	4	5	6	7	8	9	10
Redwood	➤	18			433			88%			55

- 2 Click on a class to see an overview of each students' Live Mathletics score.

Live Mathletics											
Redwood		Q/MIN (Avg)				CORRECT (Total)		ACCURACY (Avg)			TOP SCORE (Lifetime)
LEVEL		1	2	3	4	5	6	7	8	9	10
Year 4	>	Wales Year 4									
Byard, Iiana-Leigh	>	-	-	-	-	-	-	-	-	-	33
Davies, Annabella	>	-	-	-	-	-	-	-	-	-	12
Davies, Anya	>	-	-	-	-	-	-	-	-	-	-
Davies, Ethan	>	18			433		88%				37
Davies, Grace	>	-	-	-	-	-	-	-	-	-	-

- 2 Click on a student's name to see where this student has earned their points.

Results

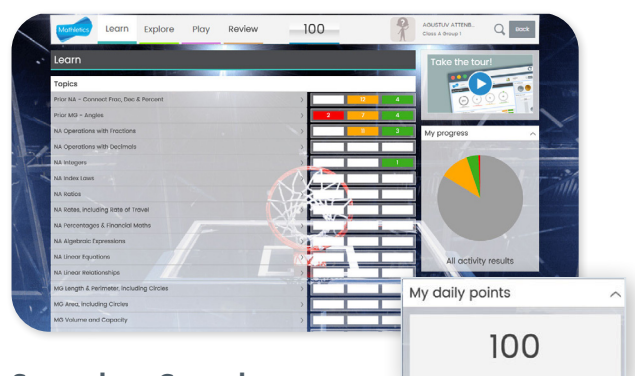
Use your Results tool to stay on top of students' progress for the entire competition. Using your Results by Student feature you can see the areas that individual students are struggling with or excelling in, making it easier for you to decide on appropriate learning tasks for this student in the future.

The Student Console

Your students can track their progress through their Student Console. Their weekly points will be reset to zero on Sunday evening, but they are all safely stored in your Teacher Centre for you to reward pupils for their efforts. Credits for improvement will accumulate during the week and can be viewed in the Mathlete shop.



Primary Console



Secondary Console

Students are also able to view the Mathletics Hall of Fame from their Student Console by scrolling to the bottom of their homepage and clicking on the Hall of Fame feature.



Mathletics

Dear parent/guardian,

will be running an exciting mathematics

competition between / / .

This competition is a great opportunity for students to get excited about mathematics, improve their skills in a fun environment, and be recognised for their hard work.

How does the competition work?

During the competition week, we will set students several Mathletics challenges to complete as well as a few additional mathematics-themed activities such as dressing up in costume, baking, and getting creative with some arts and craft. We will send through a list of the activities that will need to be completed a week before the competition is to begin.

Family involvement

Your involvement during this week would greatly benefit your child's learning, but it's understandable if you have other obligations. While all Mathletics challenges can be completed by students independently, I would be grateful if you could make yourself available for the additional mathematics-themed activities that rely on adult supervision. Finally, some of the rewards we award students will be from their creativity in their costumes, cooking, and arts and craft. So please share as many photos of these with us as possible!

Warm regards,

Mathletics

CERTIFICATE OF ACHIEVEMENT

Super
Mathlete



Awarded to:

From the **Mathletics Team**

