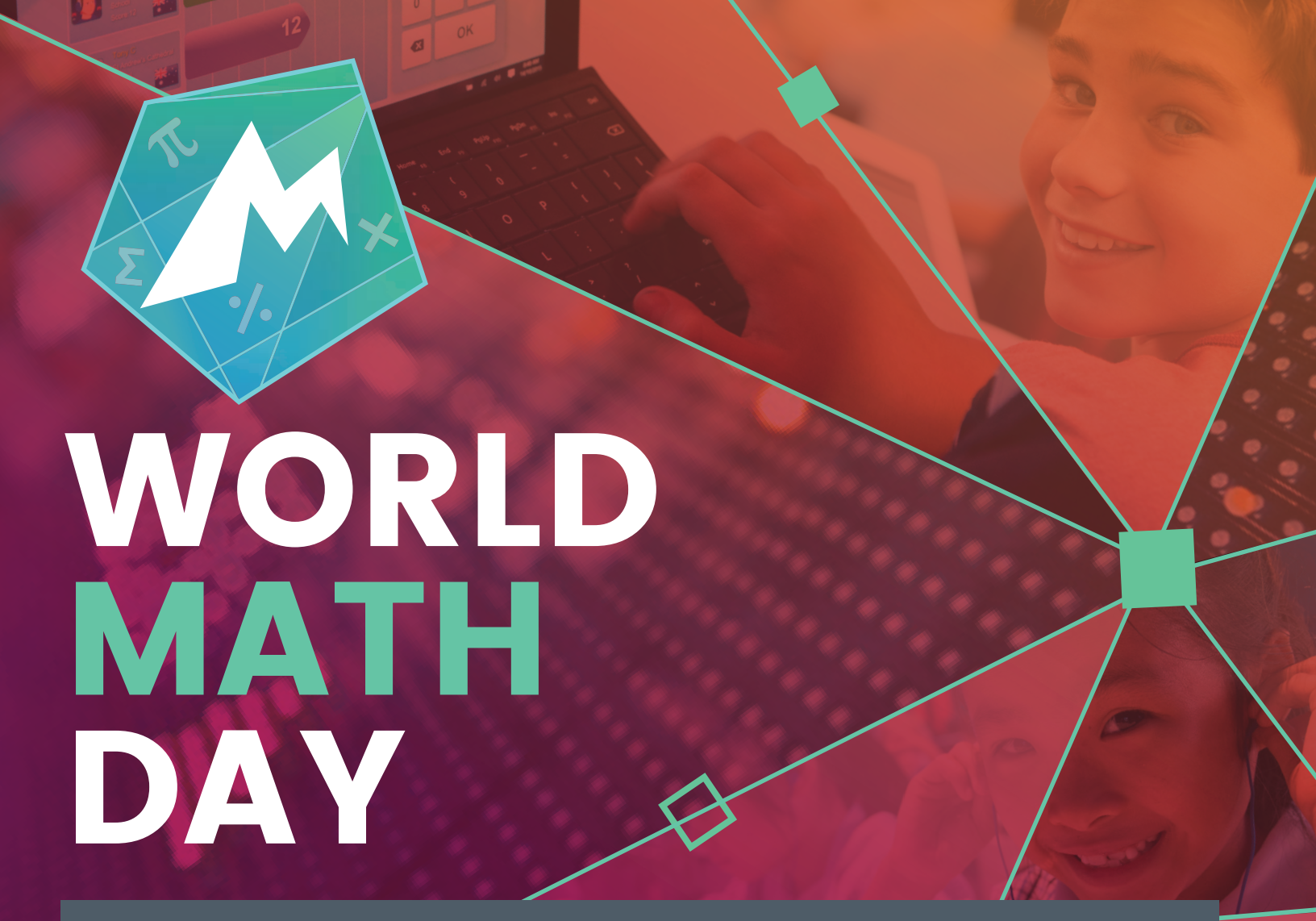

WORLD MATH DAY

UNITING THE WORLD IN LEARNING

2018

TEACHER PACK

WARM UP BEGINS	21 February
WORLD MATH DAY	7 March
COOL DOWN	9 – 18 March

worldmathday.com

WHAT IS **WORLD MATH DAY?**

World Math Day is the world's largest online Math competition hosted on the Live Mathletics game engine, part of the award-winning resource, Mathletics, which is **used by 4 million students worldwide.**

The event is open to schools with students aged 4-18 all around the world, to register for and participate in. Participating students are required to complete 20 games on various levels of Live Mathletics, earning points by answering as many correct questions as possible alongside other competing students of the same age and ability level. Each game on Live Mathletics runs for 60 seconds and students strike out of a game early if they answer 3 questions incorrectly.

During the 48 hour competition a leaderboard known as the '**Hall of Fame**', records all scores and displays the top 100 students in each year group.

Who can participate?

This competition is open to all schools and their students worldwide, they just need to register.

Unfortunately, **Mathletics home subscriptions are not eligible to participate i**n this event.

Schools who already use Mathletics are automatically registered and do not need to fill out the registration form.

How do students participate?

By earning points in Live Mathletics during the competition! Students will complete 20 games of Live Mathletics on various levels, chosen according to their year group *(refer to the **Gaming Levels and Rules** page)*. Each game lasts for 60 seconds and every correct answer is worth 1 point towards a student's score.

Student scores are also combined to determine our School Year Group **Hall of Fame.**

How are the winners determined?

The **Hall of Fame** automatically collates all scores during the 48 hour competition period. Once **World Maths Day** has ended, all results will be verified by the Mathletics team.

Once results have been verified, the winners will be announced on the **World Maths Day website** by mid March.

When do registrations close?

Registrations close on **5 March 2018.**

WORLD MATH DAY

Competition date and time

Warm Up for World Math Day 2018 starts on 21 February. Once a school has registered and received student usernames and passwords, they have full access to the Mathletics platform where the competition takes place.

Official competition begins as soon as it is 7 March somewhere in the world (12:00AM Apia, Samoa - UTC/GMT +14hours) and runs for 48 hours.

Cool down allows students to keep playing after the competition until 18 March.

Below are event commencement times in countries around the world:

SYDNEY, AUSTRALIA	9:00pm Tuesday 6 March
TOKYO, JAPAN	7:00pm Tuesday 6 March
BEIJING, CHINA	6:00pm Tuesday 6 March
NEW DELHI, INDIA	3:30pm Tuesday 6 March
ABU DHABI, U.A.E	2:00pm Tuesday 6 March
MOSCOW, RUSSIA	2:00pm Tuesday 6 March
PRETORIA, SOUTH AFRICA	12:00pm Tuesday 6 March
HELSINKI, FINLAND	12:00pm Tuesday 6 March
YAOUNDÉ, CAMEROON	11:00am Tuesday 6 March
PARIS, FRANCE	11:00am Tuesday 6 March
LONDON, U. KINGDOM	10:00am Tuesday 6 March
BRASILIA, BRAZIL	8:00am Tuesday 6 March
OTTAWA, CANADA	5:00am Tuesday 6 March
WASHINGTON D.C., U. STATES	5:00am Tuesday 6 March
MEXICO CITY, MEXICO	4:00am Tuesday 6 March
AUCKLAND, NEW ZEALAND	11:00pm Tuesday 6 March

PRIZES & AWARDS

Students and schools taking part in **World Math Day** can win great prizes!

A live digital Hall of Fame on the homepage will track the top scoring students and schools from right across the world.

At the end of the event, medals and trophies will be awarded to the top students and schools.

Will your country have a World Math Day Champion?

And the **winner** is...

TROPHIES will be awarded to the top scoring year groups across each of the ten year/grade categories.

MEDALS will be awarded across each of the ten year/grade categories. Students finishing in first, second and third place in each of the age categories will receive a gold, silver or bronze medal.

Head to **worldmathday.com**

HOW TO PARTICIPATE

- Register your school at worldmathday.com
- Once you've submitted the registration form, you'll receive a Student Upload Spreadsheet.
  Follow the instructions to ensure your students are signed up to compete in **World Math Day 2018.**
- After you return your spreadsheet to a nominated email address, your school's usernames and passwords will be generated.
- Sign in at mathletics.com using your Teacher Login.
  To print sign in details for your students, select the **Classes module** and click **Sign-In Cards.**
- Distribute usernames and passwords to your students. Before you get started, make sure you explain the **Gaming Levels and Rules** of **World Math Day** to your students. See the instructions about grade categories and the Live Mathletics levels they are required to play that are contained in this pack.
- From 21 February, have your students sign in at mathletics.com to play a few rounds of Live Mathletics so they are warmed up ahead of the competition.
- Have fun competing in **World Math Day** on 7 March 2018. Don't forget to visit worldmathday.com to check the leaderboard!

GET TO KNOW WORLD MATH DAY

Get started

Once students log into **Mathletics** they will arrive at the **Mathletics Student Console**.

Click the **Live Mathletics icon under the Play tab** where students will find everything they need to track their **World Math Day** performance and compete in the event.

Get ready

Welcome to the launch zone! From here you can begin your live competitions with other students. Four gaming modes are available – you can choose to challenge other students from around the world, within your own school or class, or warm up your skills against the computer. The panel on the left shows your classmates. If they're online, you can choose to challenge a student directly by clicking their name.

Track your **World Math Day** results...

Only points from your first 20 games will be counted towards your **World Maths Day score**. Students can track this using the panel on the right of the screen. **World Maths Day** has ten gaming levels. You can play at any level, but students will need to compete at specific levels based on their year group to earn points. This is to make the competition fair for students of all ages. The results panel will show which levels they need to enter, depending on age/grade level.

Enter a live game...

Select a game level and **click GO!** to begin. Students will be matched with up to three other students of a similar ability to compete against. On entering the gaming arena they will have sixty seconds to answer as many questions as possible, racing their opponents to the finishing line!

The race is on!

The game will continue until the clock counts down to zero. Continue answering questions to earn points as quickly as possible – but be careful!
World Math Day is about speed and accuracy, three incorrect answers will result in striking out.

*The points from your first 20 games will be counted as your official **World Math Day** score.*

Powered by Mathletics

WARM UP

Commences 21 February, allowing students to become familiar with the competition format.

Students can refresh their score as often as they want and have unlimited attempts at achieving a personal best.

The following screenshots show examples of the **Live Mathletics Console** during **Warm Up.**

World Math Day Console **CLOSED,**
WMD 2018 – WARM UP Mode from 21 February

World Math Day Console **OPEN,**
WMD 2018 – WARM UP Mode from 21 February

EVENT MODE

Commences 7 March, students have one opportunity to achieve the highest possible score in their first 20 allocated games.

This is it, there are no second chances!

Good luck!

The following screenshots show examples of the **Live Mathletics Console** during **World Math Day.**

World Math Day Console **CLOSED,**
WMD 2018 – EVENT MODE from 7 March for 48 hours

World Math Day Console **OPEN,**
WMD 2018 – EVENT MODE from 7 March for 48 hours

COOL DOWN

The fun continues!

From 9-18 March, students can continue to challenge other students around the world in Live Mathletics.

Students also have FREE ACCESS to explore all that Mathletics has to offer, including curriculum-aligned activities, eBooks and educational resources.

FUN IDEAS

HOW TO GET MORE INVOLVED...

Here are some fun ideas to get your students into the spirit of World Math Day.

Get behind UNICEF

Explore **UNICEF's** work and children's rights by incorporating some of their materials in your lesson plans. Download **UNICEF** materials and ready-made lesson plans at:

worldmathday.com/resources

Challenge a neighbouring school

Make **World Math Day** a local derby by comparing: student high scores, numbers of points, average points per students with another school in your area.

Maintain leaderboards for the fastest and most accurate challengers

Keep track of the highest scores on each level from students in your own class. Award prizes for class champions.

Run teacher versus student challenges

Keep the school computer labs open at morning tea and lunchtime breaks and arrange for the best teacher to be challenged by students.

Organise an overnight World Math Day

Celebrate **World Math Day** by running an overnight camp at your school. **Remember!** The event runs for 48 hours, as long as it is **7 March** anywhere in the world, across all timezones.

WORLD MATH DAY

GAMING LEVELS AND RULES

World Math Day is powered by the Mathletics learning resource. The competition area of **Live Mathletics** has multiple gaming levels.

To keep the competition fair for students of all ages, students will need to compete at specific levels to earn competition points for **World Math Day**. Students will be shown their specific levels on screen - they are also displayed below.

Students earn points for their first 20 games only.

Students earn 1 point per correct answer.

Year/ Grade	Level 1 Games	Level 2 Games	Level 3 Games	Level 4 Games	Level 5 Games	Level 6 Games	Level 7 Games	Level 8 Games	Total
K	15	5							**20**
1	10	10							**20**
2	10	5	5						**20**
3	10	5	5						**20**
4	5	5	5	5					**20**
5	5	5	5	5					**20**
6	4	4	4	4	4				**20**
7	3	1	4	4	4	4			**20**
8	2	2		4	4	4	4		**20**
+9	1	3			4	4	4	4	**20**

WORLD MATH DAY

GAMING LEVELS AND RULES

ELIGIBILITY: STUDENTS YEAR/GRADE LEVELS

- Students must compete at the year/grade level that they are currently enrolled in at their school as of **6 March 2018.**
- Students participating in an incorrect year group will be ineligible for prizes.

ELIGIBILITY: SCHOOLS HALL OF FAME

- Prizes will also be awarded to the highest scoring schools for each event.
  Prizes are given for each year/grade level.
- A minimum of 10 students must compete in a year group at a school to be eligible for this prize.
- Year/Grade level scores on the **Hall of Fame** are calculated as a mean average per student.
  Example: 25 students from a school participate in Year 3 and score a total 2500 points.
  Year 3's score at the school is therefore 2500/25 = 100 points.

Powered by Mathletics

WORLD MATH DAY

PARENT LETTER

Dear Parents,

Our school is taking part in **World Math Day** which takes place on 7 March. **4 million students** from 200 countries and territories will register for the event in 2018. This is an exciting online challenge open to all our school's students who will be going up against students from all around the world.
The event format is:

WARM UP BEGINS	21 February
WORLD MATH DAY	7 March
COOL DOWN	9 - 18 March

Students will answer maths questions, which will earn them **UNICEF** points. These will be converted into money to directly support education programs where resources are desperately needed.
More information can be found at **worldmathday.com/#unicef**

Your child has been registered for this event through the school and can start warm up from 21 February. In order to practice and compete in this event, students must use their username and password below to sign into **worldmathday.com**

Good luck to all students representing our school and country during this year's event!

Your child's username and password:

Username:

Password:

For more details visit: **worldmathday.com**

WORLD MATH DAY

7 MARCH 2018

PARTICIPATION AWARD

2018 WORLD MATH DAY

www.worldmathday.com

Powered by:

Mathletics