

Mathletics

Getting Started Guide



Welcome to Mathletics

We're so excited your school has joined the Mathletics community! To get you started, we've put together a handy guide which contains important information to help kick-start your subscription with success.

Inside you will find:

- Mathletics launch lesson plan
- Live Mathletics levels
- Activity Mastery and Problem Solving & Reasoning
- Primary, Secondary and Teacher console maps
- Parent welcome letter

RESOURCES AND SUPPORT

Login now for the NEW Show Me Menu!

It's a step-by-step guide right in product to your Mathletics features.



Education Blog



User guides



Classroom Resources

Technical Support:

www.3plearning.com/tech/mathletics

Customer Support:

www.3plearning.com/contact

Thank you for using Mathletics.

We look forward to sharing the love of learning with your school.

Quick start guide

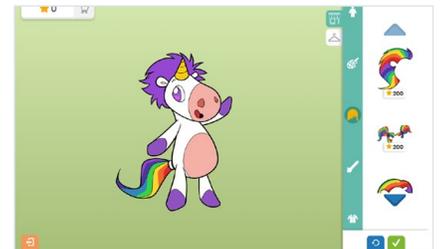
Are you new to Mathletics? This quick and easy lesson plan is designed to help you successfully launch Mathletics with your class. Each student should have access to a device, or at least shared access. A typical lesson using Mathletics runs for 40–60 minutes, however the suggested time frames for each step may be altered to suit your lesson.

Holding a launch lesson

1 5 MINS | Sign in and create avatars

After signing in, each student will be asked to create their avatar to represent themselves on screen.

Remember to select 'Save and Exit' when done.



2 10 MINS | Play Live Mathletics

Inside 

Students can play against other students from their class, school, or even from around the world in a 60-second fluency game. Points are awarded for each question correctly answered.



3 20 MINS | Move on to the Mathletics curriculum

Inside 

Students can expand topics to access curriculum activities. The visible activities will be based on the curriculum and grade level of your students.



4 5 MINS | Round off with Live Mathletics

A fantastic way to reward fast finishers and to close off the lesson is to let students play Live Mathletics.

This is a hugely powerful tool for increasing mental mathematics skills and fluency across a range of concepts.



Quick start guide

Live Mathletics has ten levels across all gaming areas. Below is a summary of what question types are included at each level. Have you tried them all?

- | | | | |
|----------------|---|-----------------|---|
| LEVEL 1 | Addition from 1 – 10
Doubles up to 10 | LEVEL 7 | Sum, difference, product and quotient
Cubes
Operations with integers
Volume and capacity conversions
Order of operations I
The Cartesian plane I
Equivalent fractions
Ratios
Volume of rectangular prisms I
Area of plane shapes I |
| LEVEL 2 | Addition from 1 – 20
Subtraction from 1 – 20 | LEVEL 8 | Statistical measures
Simplifying algebra I
Algebraic substitution I
Order of operations II
Terms in a sequence with decimals II
Area and volume conversions
Factoring I
Volume of rectangular prisms II
Area of plane shapes II
Recurring decimals |
| LEVEL 3 | Addition from 1 – 50
Subtraction from 1 – 50
2s, 3s, 4s, 5s and 10s Times Tables
Doubles and halves up to 50
Addition from 1 – 20 with a missing addend | LEVEL 9 | Algebraic substitution II
Factoring II
Order of operation III
Expanding brackets I
Find the midpoint between two points
Pythagorean triads
The Cartesian Plane II
Chance outcomes
Simplifying algebra
Scientific notation |
| LEVEL 4 | Addition from 1 – 100
Subtraction from 1 – 100
Times Tables to 10 x 10
Doubles and halves up to 100
2s, 3s, 4s, 5s and 10s division facts
Addition from 1 – 50 with a missing addend
Times Tables to 10 x 10 with a missing factor | LEVEL 10 | Logarithms
Solving equations
Algebraic substitution III
Expanding brackets I
Expanding quadratics
Factoring quadratics
Surface area of cubes
Percentage probability |
| LEVEL 5 | Addition from 1 – 500
Subtraction from 1 – 100
Addition from 1 to 100 with a missing addend
All multiplication and division facts to 10 x 10
Time conversions
Length conversions | | |
| LEVEL 6 | Operations with decimals
Calculations using brackets
Simple percentages
Converting mm, cm and m
24 hour time
Timetable calculations
Fractions and decimals
Percentages and decimals
Terms in a sequence with decimals I
Terms in a sequence with whole numbers | | |

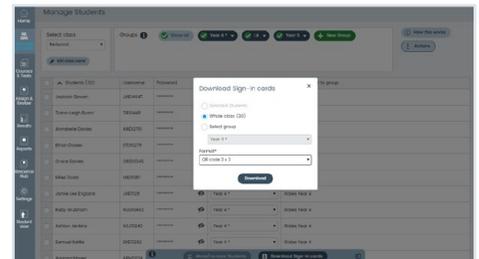
Manage Students

Click into Manage Students and follow these steps to get started!

Manage students has combined all the features needed to manage your classes, groups and individual students all in one screen. You can access and print QR Codes/Sign-in cards, create groups, edit curriculum, assign students to groups, change passwords, and print certificates with ease.

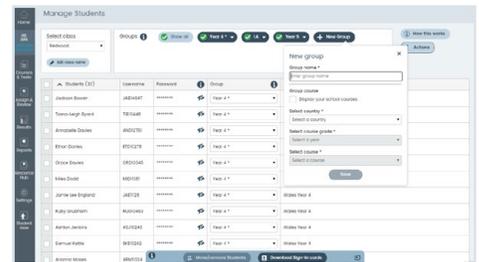
Print QR Code/Sign-in cards

- 1 Click **Download Sign-in cards**
- 2 Select printing configuration.
- 3 Click **Download**



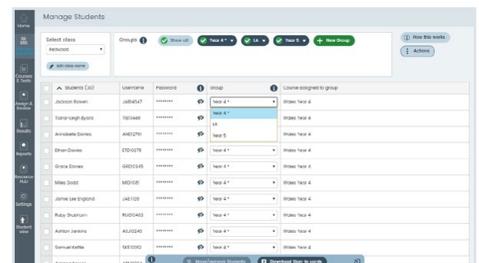
Create a group

- 1 Click **New Group**
- 2 Enter name and course details.
- 3 Click **Save**



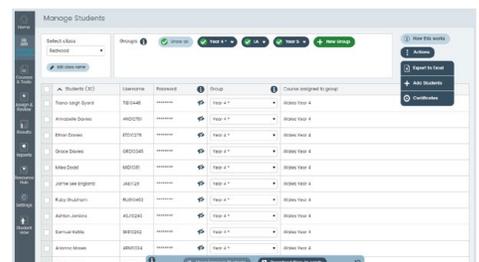
Assign students to groups

- 1 Click on the Group drop-down next to the student's name
- 2 Select group.
- 3 Click **Apply**



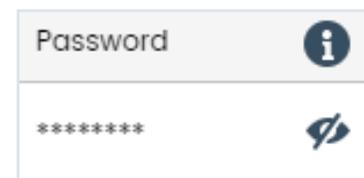
Print certificates

- 1 Click **Actions** and select certificates.
- 2 Filter by class, group or date range
- 3 Click **Certificates**



Edit Student Passwords

- 1 Click on the next to student password.
- 2 Click on the .
- 3 Type new password and save.

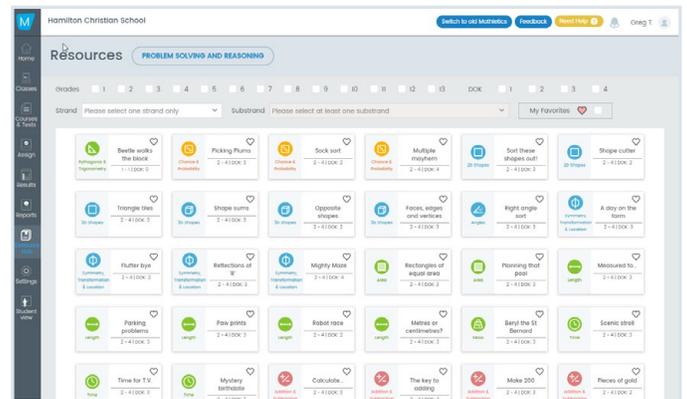


Activity Mastery and Problem Solving & Reasoning

Mathletics has added over 700 Problem-Solving & Reasoning (PSR) questions to help students develop their critical and creative mathematical thinking. Teachers are provided with instant access to multi-level questions that can make mathematics lessons extraordinary. The PSR questions can be filtered from topics to grades/year levels to depth of knowledge.

Follow these steps to get started!

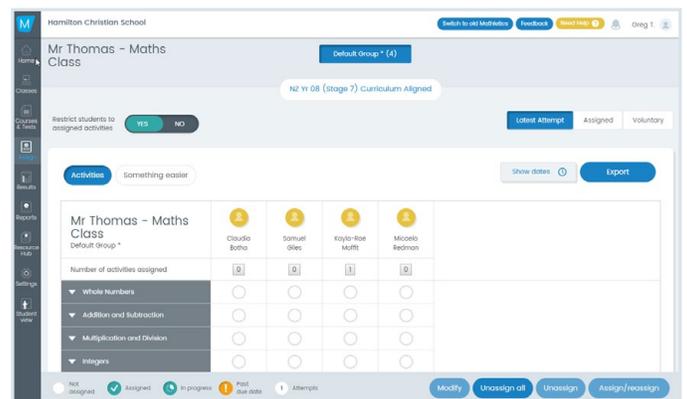
- 1 Click Resource Hub.
- 2 Select Problem Solving & Reasoning.
- 3 Use filters to narrow down your search.
- 4 Select a question.
- 5 Preview and then proceed to launch to assign
- 6 Select whole class or individual students to assign the activity to.
- 7 Click Go Live and then Let's go.



Each Mathletics activity consists of 10 questions targeting a single concept from within a topic. The questions are selected from a bank of thousands of questions, meaning your students will never be presented with the same 10 questions twice! Many of the activities are also adaptive, increasing in difficulty as the students answer more questions correctly, while getting easier when the students are struggling.

Follow these steps to get started!

- 1 Select the class and group you wish to assign an activity to.
- 2 Click on the topic from which you wish to assign work.
- 3 The topic will now expand to reveal a list of activities.
- 4 Select whole class or individual students to assign the activity to.
- 5 Click Assign/reassign.
- 6 Select whole class or individual students to assign the activity to.
- 7 You can select a specific start and due date or leave it open by selecting no due date.



Curriculum-Aligned Activities

Learn gives students access to curriculum-aligned practice activities and support materials, designed to consolidate a deeper understanding of concepts.

Explore

Explore helps students develop their critical and creative mathematical thinking through Problem Solving & Reasoning Questions.

Game-Based Learning

Play offers a range of engaging mathematical games including Live Mathletics, Multiverse and Rainforest Maths and more.

Assigned Tests

Review is where the students can access assessments that have been set by teachers.

Personalized Learning Environment
The **student interface** is customizable, allowing students to create their own avatars and modify their backgrounds.



Search

Students can use the search function to quickly find curriculum activities or content.

Self-Directed Learning

My progress shows the total number of activities completed, with the results clearly displayed, to allow students to identify strengths and weaknesses in their own learning.

View Results

The **traffic light system** allows students to easily track their progress through each topic. Red signals require additional study, yellow signals indicate that the student's understanding is developing and green shows evidence of mastery.

Celebrate Learning!

Daily and weekly point indicators let students know how many points they have earned for correctly answering curriculum activities and Live Mathletics questions, as they work towards earning certificates and claiming their place on the Mathletics Hall of Fame!

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Game-Based Learning

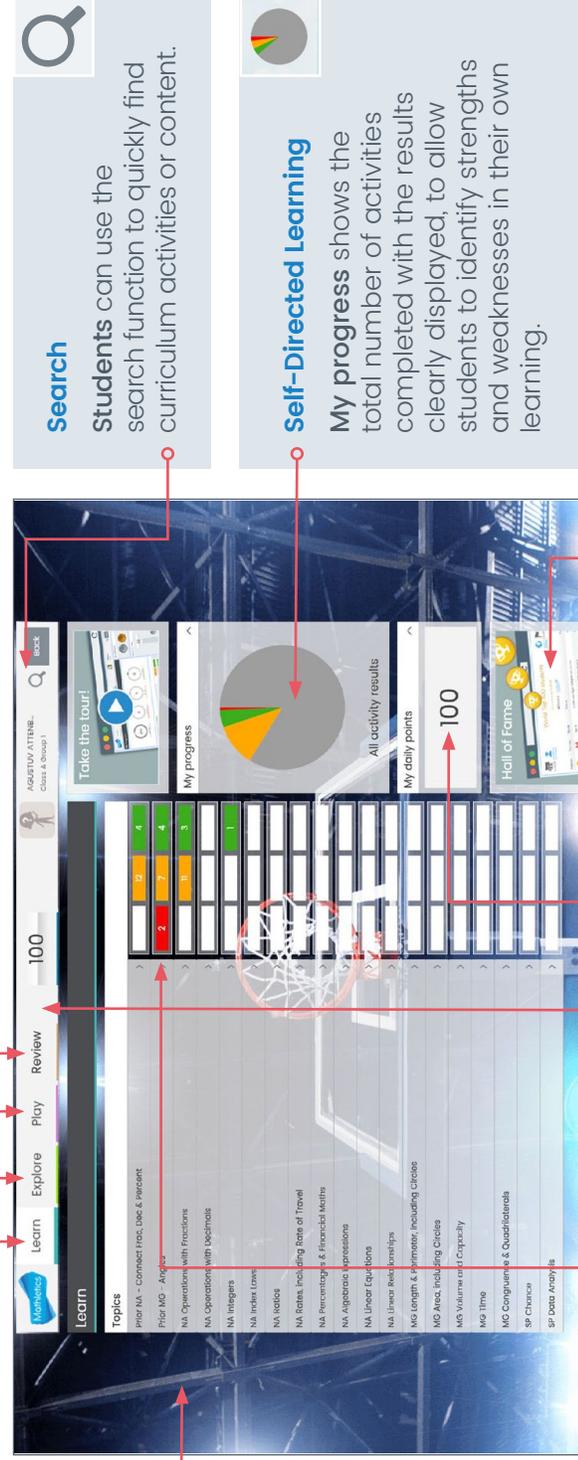
Play offers a range of engaging games including Live Mathletics where students can challenge each other in fluency races, beyond computational skills. Multiverse engages students in a space adventure while developing rapid recall of multiplication facts.

Assigned Tests

Review is where the students can access assessments that have been set by teachers.

Personalized Learning Environment

The secondary student interface has a more mature look and feel, and is customizable, allowing students to create their own avatars and change their backgrounds.



View Results

The **traffic light system** allows students to easily track their progress through each topic. Red signals require additional study, yellow signals indicate that the student's understanding is developing, green shows evidence of mastery.

Celebrate Learning!

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The Hall Of Fame

Leaderboards display the top scoring students and classes, in both the country and the world.

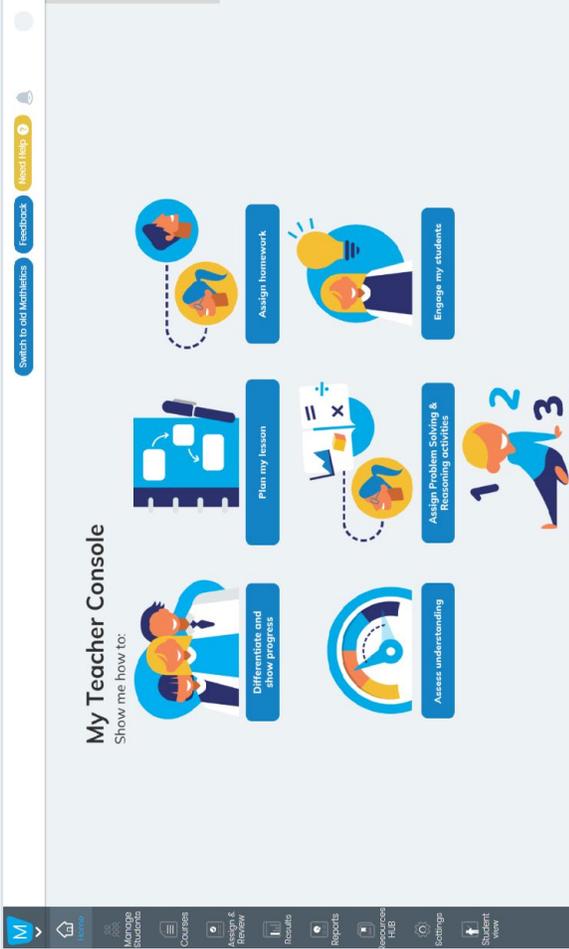
Manage Students
View classes, create groups, assign courses, change curriculum, download sign-in cards and print certificates all on one screen.



The simple left-hand navigation menu is designed to make teacher tools easily accessible.

My Teacher Console
Show me how to:

- Differentiate and show progress
- Plan my lesson
- Assign homework
- Engage my students
- Assess understanding
- Assign Problem Solving & Reasoning activities

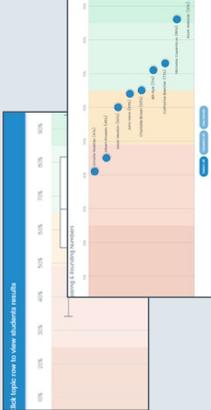


Courses
View available curriculum courses, show/hide course topics and modify courses. Assign tests to assess individual student's understanding.

Resources Hub
Access over 700 Problem Solving & Reasoning Activities and hundreds of printable eBooks.

Settings
Set Live Mathletics minimum levels for each student.

Reports
View in-depth achievement, improvement, and usage data at a class and student level.



Student View
Use the student console to attempt curriculum activities with your class, introduce concepts or play one of the engaging mathematical games with your students.

Results
Students are grouped by grade band based on the result of their latest attempt at each activity. View the 10 most recently attempted activities, results by student or results by topic and activity.

Assign & Review
Preview and assign curriculum and problem solving & reasoning activities.

Show Me How
A step by step guide to your Mathletics features without leaving your console.



Explore your child's online Mathematics program

Dear Parent or Guardian,

Your child is using Mathletics as part of their mathematics lesson at school. Mathletics is a targeted, rewarding and captivating online learning resource, which is aligned to curriculum standards. Your child has take-home access to Mathletics – they simply sign in with their school username and password using any compatible computer or mobile device.

The extra Mathletics practice at home can make all the difference to your child's progress. Encourage them to achieve a weekly target of 1000 points to earn a certificate, building through bronze, silver and gold across the school year. Go for gold!

Sign in with your child to start exploring what Mathletics has to offer:

- 1 Visit www.mathletics.com using your child's login details below.
- 2 Explore all the engaging activities and games Mathletics has to offer.
- 3 Check out 'My Progress' for your child's activity results and certificates.



PC & Mac

Simply visit mathletics.com

and click 



QR Code Sign In

Jump into Mathletics effortlessly using the QR code on your sign-in card



Tablet & iPad

Download our **FREE** Student App from all major app stores

Student Mathletics Login:

Fill out student login information or print off QR Code Card.

Username: _____

Password: _____

Sign in at: mathletics.com

Mathletics

For more information about Mathletics,
contact our friendly team.

www.mathletics.com/contact



A 3P Learning product