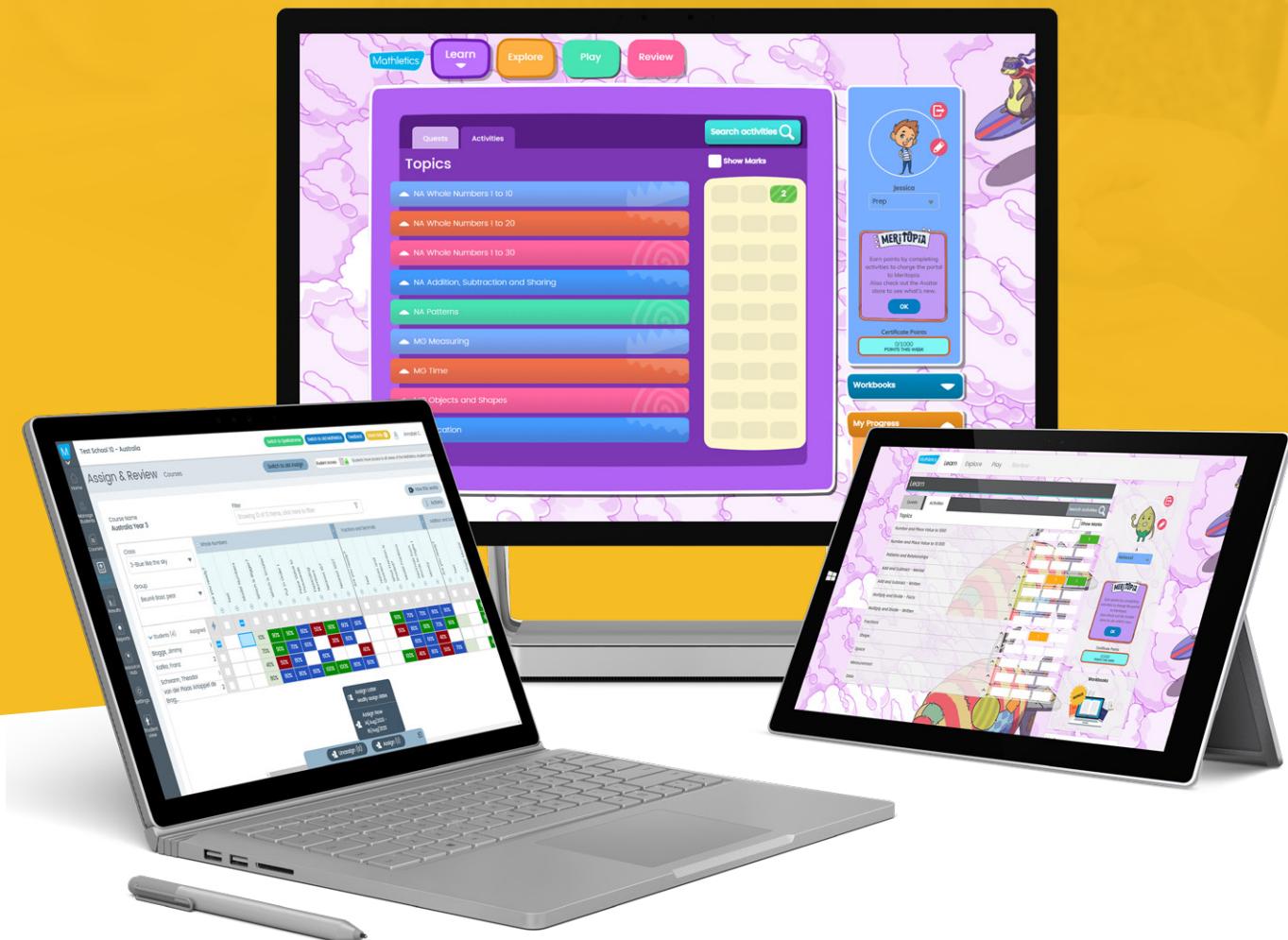


# Mathletics

## Getting Started Guide



Mathletics

## 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](http://www.3plearning.com/tech/mathletics)

Customer Support:

[www.3plearning.com/contact](http://www.3plearning.com/contact)

**Thank you for using Mathletics.**

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

# Mathletics Getting Started Guide

Mathletics

## Quick start guide

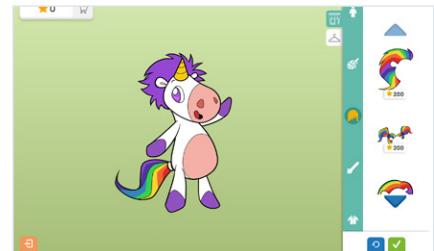
**Are you new to Mathletics?** This quick and easy lesson plan is designed to help you successfully launch Mathletics with your class. Each student should have access to a device, or at least shared access. A typical lesson using Mathletics runs for 40–60 minutes, however the suggested time frames for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

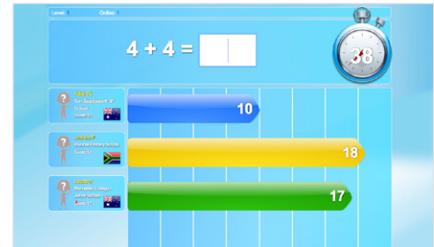
Remember to select 'Save and Exit' when done.



#### 2 10 MINS | Play Live Mathletics

Inside Play

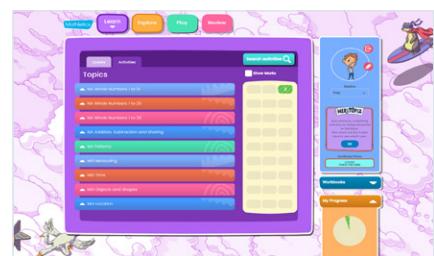
Students can play against other students from their class, school, or even from around the world in a 60-second fluency game. Points are awarded for each question correctly answered.



#### 3 20 MINS | Move on to the Mathletics curriculum

Inside Learn

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 2** Addition from 1 – 20  
Subtraction from 1 – 20

**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 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 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

**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 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 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 10** Logarithms  
Solving equations  
Algebraic substitution III  
Expanding brackets I  
Expanding quadratics  
Factoring quadratics  
Surface area of cubes  
Percentage probability

# Mathletics Getting Started Guide

Mathletics

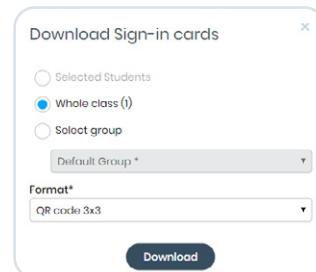
## Manage Students

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.

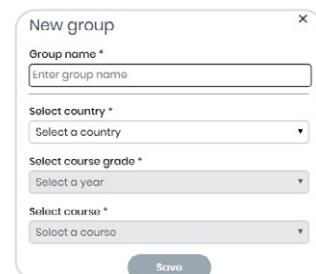
### Print QR Code/Sign-in cards

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



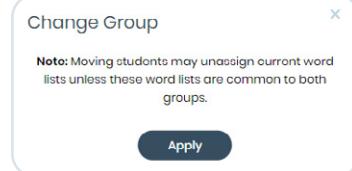
### Create a group

- 1 Click Groups drop-down
- 2 Click  **New Group**
- 3 Enter details and click **Save**.



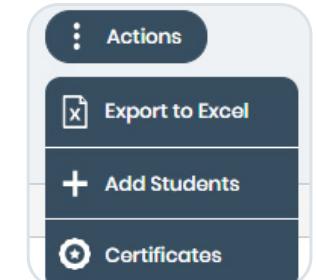
### Assign students to groups

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



### Print certificates

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



### Edit Student Passwords

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



# Mathletics Getting Started Guide

Mathletics

## 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 topics/ 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.

# Mathletics

## Elementary Console Map

### 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

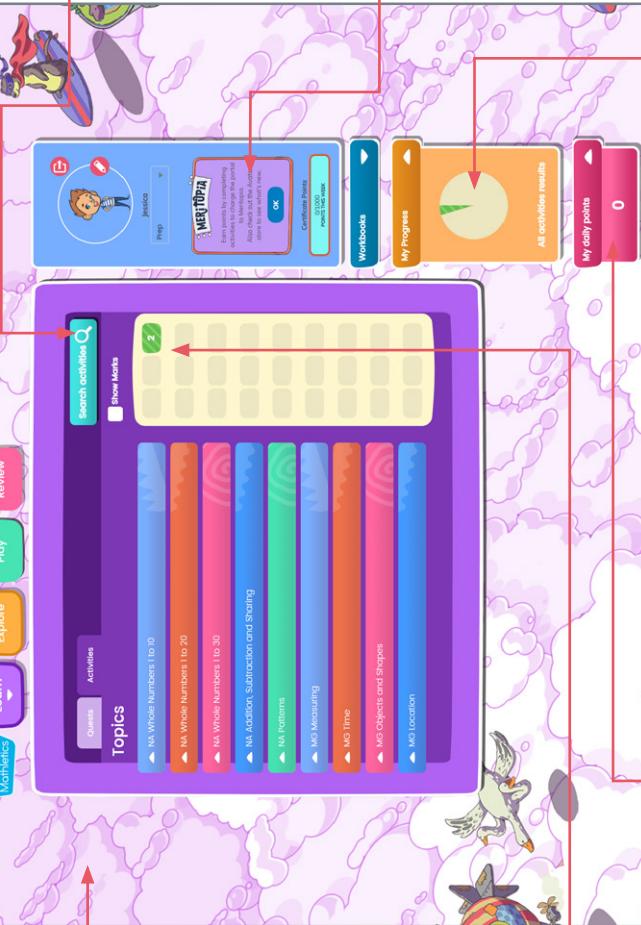
Play offers a range of engaging mathematical games including Live Mathletics, Multiverse and Rainforest Maths and more.

### Assigned Tests

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

### Personalised Learning Environment

The student interface is customisable, allowing students to create their own avatars and modify 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 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!

### 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.

### Search

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

### Meritopia

An engaging student reward system. Students earn points as they complete activities which opens the door to an interactive game like world.

### Assigned Tests

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

### Game-Based Learning

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

### Explore

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

### Personalised Learning Environment

The student interface is customisable, allowing students to create their own avatars and modify 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 and green shows evidence of mastery.

### Search

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

### Meritopia

An engaging student reward system. Students earn points as they complete activities which opens the door to an interactive game like world.

### Assigned Tests

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

### Game-Based Learning

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

### Explore

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

### Personalised Learning Environment

The student interface is customisable, allowing students to create their own avatars and modify 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 and green shows evidence of mastery.

# Mathletics

## Secondary Console Map

### Curriculum-Aligned Activities

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

### Explore

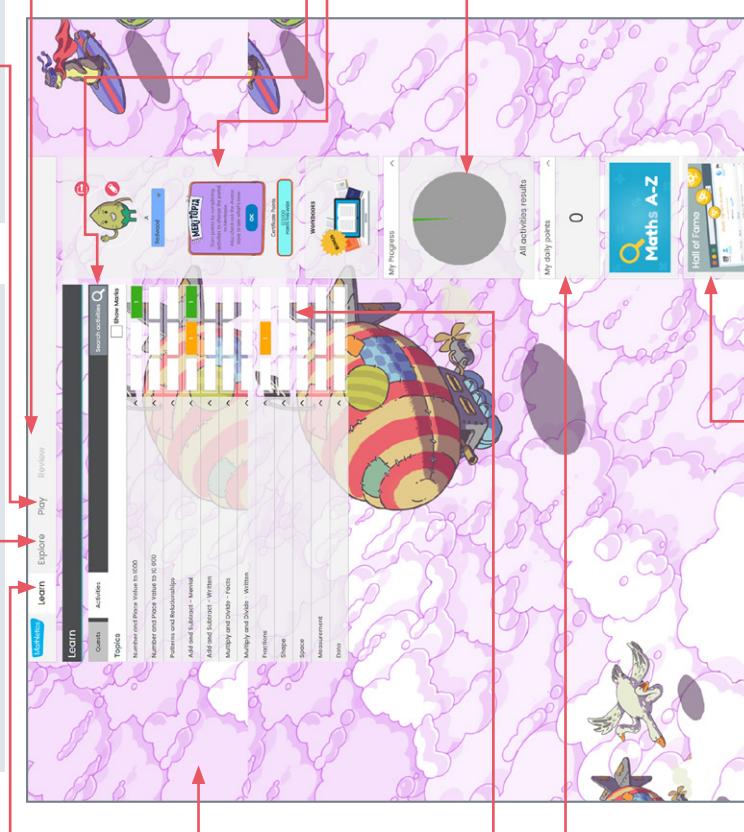
Explore helps students develop their critical and creative mathematical thinking through Problem Solving & Reasoning Questions.

### Game-Based Learning

Play offers a range of engaging 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.

### Personalised Learning Environment

The secondary student interface has a more mature look and feel, and is customisable, 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.

### Assigned Tests

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



### Search

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

### 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!



### The Hall Of Fame

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



### 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.

# Mathletics

# Teacher Console Map

### Manage Students

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

### Reports

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

### My Teacher Console

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

### 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.

### 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.

### Settings

Set Live Mathletics minimum levels for each student.

## 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](http://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](http://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](http://mathletics.com)



# Mathletics

For more information about Mathletics,  
contact our friendly team.

[www.mathletics.com/contact](http://www.mathletics.com/contact)



A 3P Learning product