

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:

- [Manage Students](#) – Log in cards, setting up groups
- [Mathletics Launch Lesson](#)
- [Console Maps](#)
- [Learn - Activities](#)
- [Revise - Skill Quests](#)
- [Learn - Challenges](#)
- [Live Mathletics Levels](#)
- [Parent Letter](#)
- [Mathletics Reward System](#)

RESOURCES AND SUPPORT

[Log in now](#) and click on the How-to checklist for immediate in-product support!
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.

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 Select **Manage student**
- 2 Click students you want to print sign in cards for from the student roster
- 3 Click **Download Sign-in cards** from menu at the bottom of the page
- 4 **Download QR** sign in codes
- 5 Enjoy your students easy access to their mathletics login!

Create a group

- 1 Click manage students from the left menu
- 2 Select **Groups** at the top of the page
- 3 Click Groups
- 4 Enter your new group's name, grade level, and course
- 5 Don't forget to **Save** your work!


Assign students to groups

- 1 Navigate to the **Manage student** tab on the left hand menu
- 2 Select the student you want to change their group for
- 3 Under the **Group** column, select the new group you want to add them to
- 4 Click **Apply**.

Print certificates

- 1 Navigate to the **Reports** tab on the left hand side menu
- 2 Select **Certificates**
- 3 Filter by class
- 4 Download and enjoy celebrating your student's success!

Edit Student Passwords

- 1 Select **Manage student**
- 2 Pick the group
- 3 Select the student whose password needs to be edited
- 4 Edit the password
- 5 Select the green  once complete

Quick Start Guide

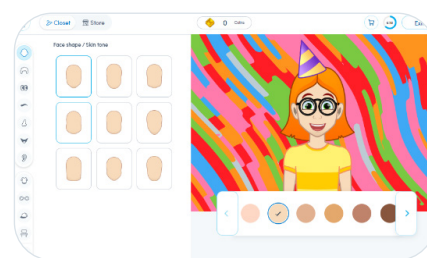
Are you new to Mathletics? This quick and easy lesson plan is designed to help you successfully launch Mathletics with your class. Each student should have access to a device, or at least shared access. A typical lesson using Mathletics runs for 40–60 minutes, however the suggested time frames for each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

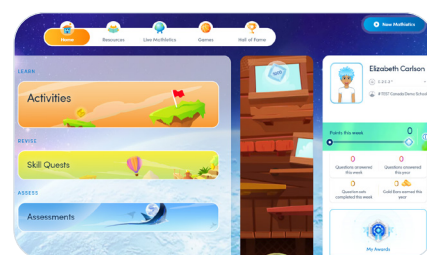
Students can play against other students from their class, school, or even from around the world in a 60-second fluency game. Points are awarded for each question correctly answered.



3 20 MINS | Move on to the Mathletics curriculum

Inside 

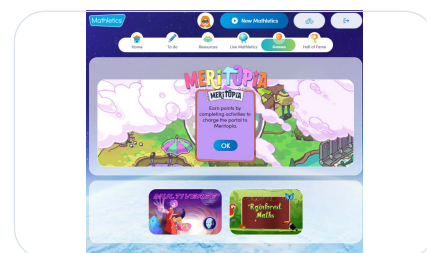
Auto-assigned curriculum-aligned activities are available under the Activities and Quests tiles. Students can expand topics to access curriculum activities.



4 5 MINS | Round off with time to explore!

Let your students discover the fun of Mathletics by having them explore their student console.

Discover amazing activities such as Meritopia, and fun games such as Rainforest Maths and Multiverse!



Tip!

Teachers can restrict access to the lower levels to ensure students are being challenged by selecting **Settings** in your teacher console, then **Set minimum** levels and select the level you wish your students to access from.

Resources

Students can review topics, practice their skills, learn key words and access workbooks to curriculum-aligned material. This area contains Workbooks and the A-Z Math dictionary.

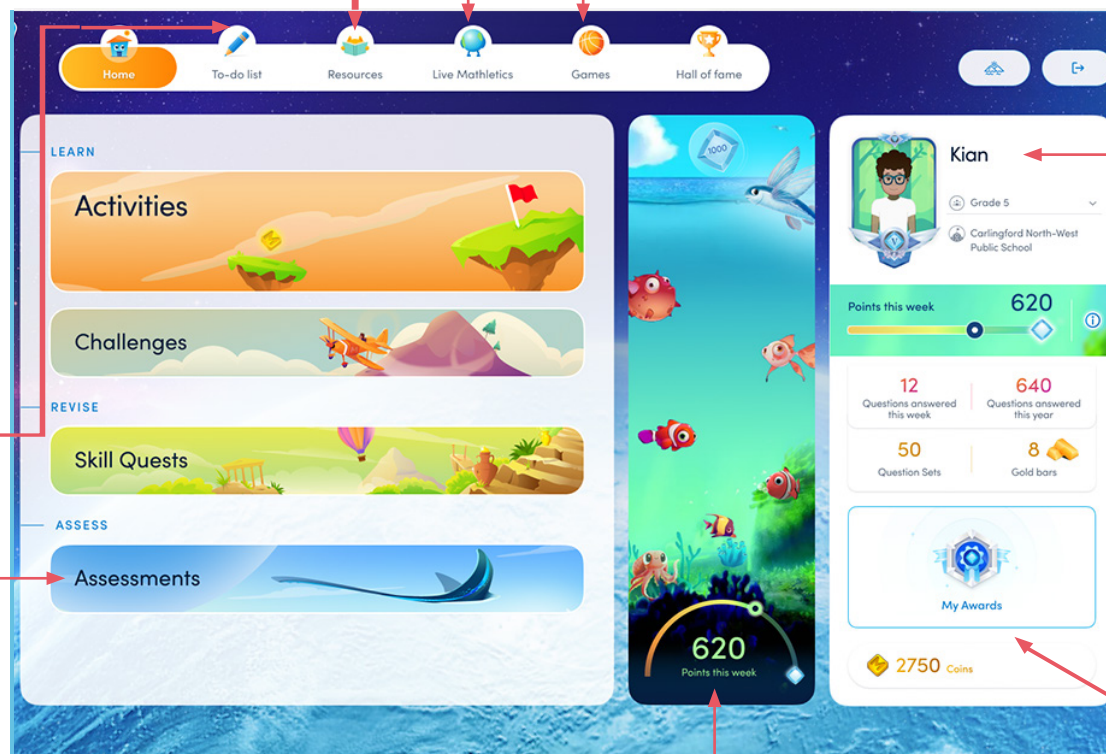
Games

The Games section offers a range of engaging mathematical games, including Multiverse and Rainforest Maths.

Students can also visit Meritopia. It's an engaging student reward area. Students can unlock and explore this interactive, open world game once they earn points for completing activities.

Live Mathematics

Students practice their mathematical fluency. In Live Mathletics, learners can challenge each other to a real-time 60-second race that tests their speed and accuracy. By playing in the Live Mathletics widget, students can also earn M Coins.



Student 'To-do' list

It's where students will find all teacher-assigned activities. These could be curriculum-activities (Revise and Learn), Problem Solving activities or Assessments

Assigned Tests

Students can access assessments that have been set by educators.

Student Console

The **Student Console** displays each student's statistics, including points earned, questions answered, sets completed and gold bars earned. This tracks each student's progress and their accomplishments.

Students design and customize their avatars using M Coins, earned by completing educator-assigned activities, and self-directed challenges.

New Courses

The new courses aligned with the new Australian Curriculum V9, and new NSW Syllabus enables students to systematically build their knowledge and skills. The journey to fluency, reasoning and problem-solving starts with explaining new concepts clearly, followed by demonstration and well-written, well-sequenced practice questions. The new question sets are scaffolded with 5 Fluency, 3 Reasoning and 2 Problem-Solving questions.

Points This Week

This **fun and engaging** widget showcases how many points students have earned on a weekly basis. With every 100 points earned, a new surprise appears.

My Awards

Students can celebrate their hard work with personalized certificates tied to new Achievement Levels. Ranging from Bronze to Legend, these reflect how often a student has earned 1000 points per week.

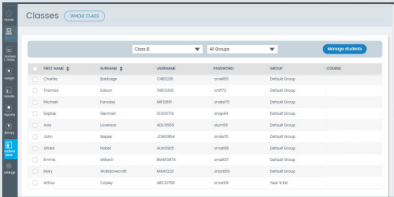
Mathletics

Teacher Console Map

Manage Students



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



New Courses



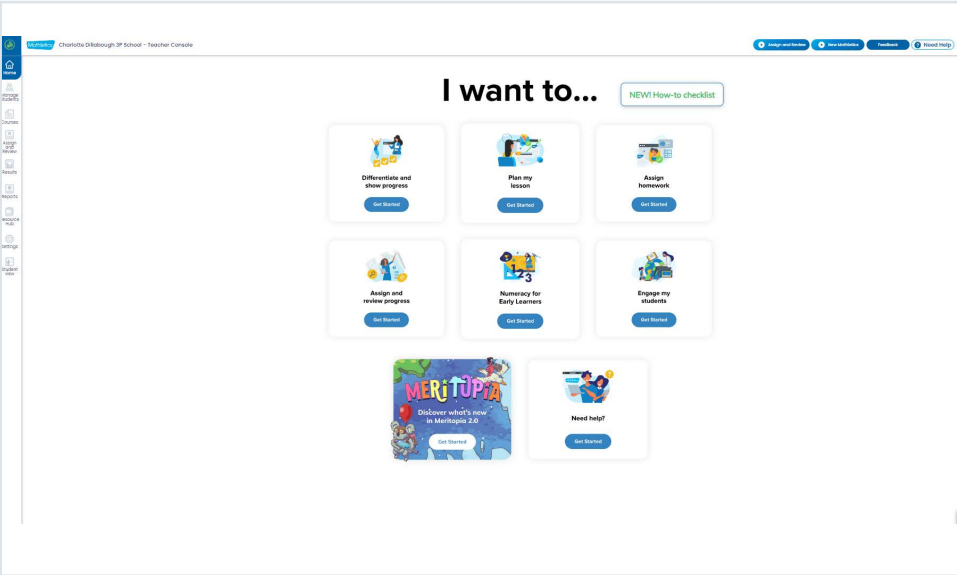
Brand new content for the new Australian Curriculum V9 and new NSW syllabus. Better by design, using High Impact Teaching Strategies and Explicit Teaching. New questions are scaffolded with 5 fluency, 3 reasoning and 2 problem solving questions.

Resource Hub



Access over 700 Problem Solving & Reasoning activities along with hundreds of printable e-books in the Mathletics Library and Numeracy for Early Learners resources.

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



Assign



Refreshed Assign and Review interface streamlines assigning activities, assessments, challenges and skills quests for students.

Show Me How

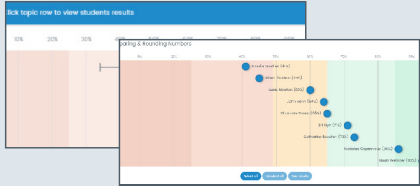
A step-by-step guide to your Mathletics features without leaving your console.



Reports



A refreshed reports dashboard where you can view student results, engagement and usage data.



Student View



The new and improved Student View allows you to view your students' dashboards at an individual student level or access demo student view.

Results



Here, you can easily group students 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.

Settings



Set Live Mathletics minimum levels for each student.

Mathletics Activity Types

Learn Activities

Mathletics' 'Learn' consist 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 questions twice! These questions are great to build confidence and fluency, and can be used in conjunction with our other content areas. Learn activities appear under the 'Activities' tab on the Student Console. Many of the activities are adaptive and move through 3 levels of difficulty - indicated in the Teacher Guide in the drop down menu linked to each activity.

The screenshot shows the 'Assign & Review' interface in Mathletics. The interface includes a sidebar with navigation options like 'Home', 'Manage Students', 'Courses', 'Assign & Review', 'Results', 'Reports', 'Resource Hub', 'Settings', and 'Student view'. The main area displays a grid of student performance data for 23 students across various math topics. The topics are grouped into three main sections: 'Number and Place Value to 1000', 'Number and Place Value to 10,000', and 'Patterns and Relationships'. Each cell in the grid shows a percentage score, with some cells highlighted in green (100%), red (low scores), or blue (medium scores). A status bar at the bottom indicates '0 cell selected'.

Class	Group	Are you ready?	Place Value 2	Partition and Rename 1	Place Value Partitioning	Expanding Numbers	Model Numbers	Missing Numbers 1	Compare Numbers to 100	Nearest 10?	Nearest 100?	Test	Place Value to Thousands	Place Value 3	Partition and Rename 2	Test	Are you ready?	Pick the Next Number	Describing Patterns	Count Forward Patterns	Count Backward Patterns	Test	Are you ready?	
Redwood	Default Group *																							
Edwards, Darcey	0	63%	100%	80%	80%	90%		100%	100%				90%	100%	100%	100%			90%	100%	100%			
Evans, Tiara	8	50%	100%	70%	80%	100%		80%	90%				50%	100%	60%				60%	100%				
Ford, Indie	22	100%	100%	80%	100%	100%	90%	100%	100%	100%	100%	94%	90%	100%	30%	67%			100%	100%				
Gilbert, Carys	4	100%	100%	30%	60%	90%		90%	100%				100%	100%	30%	67%			60%	90%	90%			
Hart, Maisie	48	63%	100%																88%					
Jones, Ethan	25	100%	100%	100%	100%	100%		100%	100%	100%	100%	100%	100%	100%	100%	100%								
Kathrens, Ellie	16	69%	100%	100%	100%	90%		90%	100%	90%	100%	89%	100%	100%	100%	92%			100%	90%	100%			
Lewis, Polly	9	94%	100%	80%	90%	80%	100%	90%	90%	90%	100%	89%	100%	90%	30%				80%	100%	60%			
Lloyd, Felran	40	100%	100%	0%	100%	100%																		
Lloyd, Mason	32	88%	100%	50%	30%	50%							0%	100%		50%								
Lowe, Oscar	0	100%	100%	80%	100%	100%	70%	90%	100%	100%	100%	89%	100%	100%	80%	83%	63%	100%	90%	100%	70%	94%		
Miles, Lilly-Mae	0	94%	100%	100%	100%	100%	80%	100%	100%	100%	100%	83%	40%	100%	90%	83%			100%	90%	90%	90%	94%	
Mitchell, Ayce-Lee	48	69%	100%	80%																				
Mitchell, Casle	8	94%	100%	100%	100%	100%	100%	90%	100%	100%	100%	100%	100%	90%	100%	100%			100%	100%	100%	100%	88%	
Morgan, Indie-Leigh	47	56%	100%																					
Neads, Cole	47	75%	100%																					

Follow these steps to get started!

- 1 Click Assign & Review.
- 2 Click on Learn.
- 3 Select the class and or group you would like to assign to.
- 4 Use the Topic Selector to select the topic and then choose the activity. The drop down menu (indicated by the small triangle) gives access to the Teacher Guide and Activity preview.
- 5 Select whole class or individual students.
- 6 Click Assign.
- 7 Select Start and end date, then click Assign.

Mathletics Activity Types

Learn

Tip!

View individual student results and activity progress

Click onto a student's name and click Student Results to get an overview of their activity results. Check a student's progress with a specific activity by clicking on their result % in the activity column and view their attempt history.

Marty Mathematics
Group name - Default Group * Course name - England Year 3

Results Assigned

95%
93% average from 133 activities completed

Time On Activities
11m 04s

Last Completed Activity
07:40PM - 20 Oct 2021

Highlights

Needs most help with		Excelling most at	
Pyramid Puzzles 1	N - Add and Subt...	Number Line Order	N - Number and ...
24 Hour Time	M - Time	Counting by Twos	N - Number and ...
Repartition Two...	N - Number and ...	Counting by Fives	N - Number and ...
How Heavy?	M - Length, Mass ...	Counting by Tens	N - Number and ...
Sides, Angles and...	G - Properties of ...	Grouping in Tens	N - Multiply and ...

OK

Use the Student Open Access or Students On Tasks option

When an activity start date is reached a student must complete this activity before being able to access any other area of Mathletics. If you wish for your students to be able to access the other areas of Mathletics simply change the student access mode to Student Open Access and students will have access to all areas of the Mathletics student console.

Access Teacher notes and Preview activity using the dropdown

Click on the dropdown arrow in the activity column and select to access the Teacher notes or preview the activity.

View Key Actions

Student Open Access

Student Open Access
Students have independent access to all areas of Mathletics.

Students On Task
Students are restricted to assigned activities showing in their To Do list. Students can still access Meritopia.

Pyramid Puzzles 2

Partition rename Rounding Numbers Number Words to Convert Roman

N - Number and Place Value Rounding Numbers

Select

Assign to all students

Teacher notes

Preview activity

Mathletics Activity Types

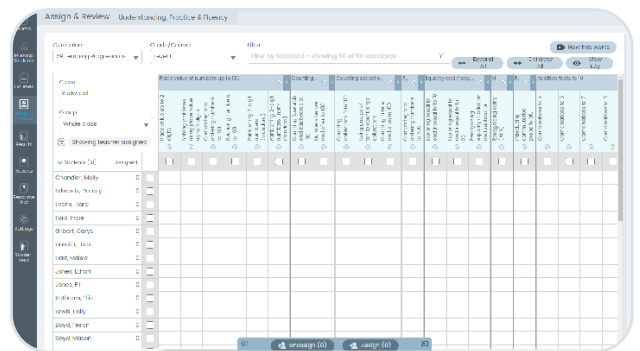
Revise - Skill Quests

Each Skills Quest targets a single concept from within a topic or Learning Journey. Skills Quests are curriculum-aligned sets of questions. Some Quests will move through more than 1 level - students need to get either a streak of 5 questions correct or 6 out of 8 to complete the level or the Quest. Skills activities appear under the Quests tab on the Student Console.

Audio is available to support students, including audio translation into many different languages.

Follow these steps to get started!

- 1 Click Revise (Skill Quests)
- 2 Select the class and group you would like to assign to.
- 3 Select the Curriculum and Grade
- 4 Drop-down or scroll across to find your topic and choose the activity.
- 5 Select whole class or individual students.
- 6 Click Assign.



Tip!

Click on the triangle ▼ under the activity to get further information about the Quest and to preview it.

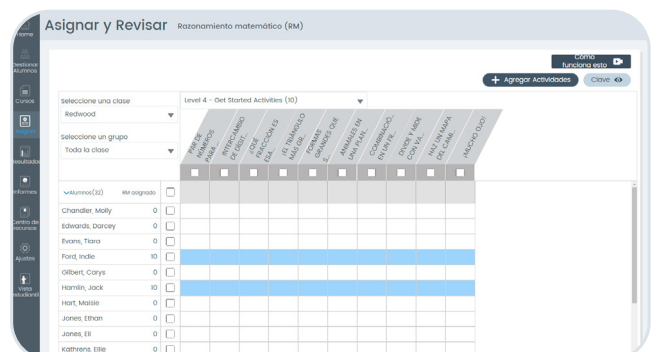
Problem-Solving and Reasoning

Mathletics offers 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.

PSR questions appear under the 'Challenges' tab on the Student Console.

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 to set the PSR live in your lesson or click Assign to add the PSR to your students' To Do tab.



Mathletics Activity Types

Assessments

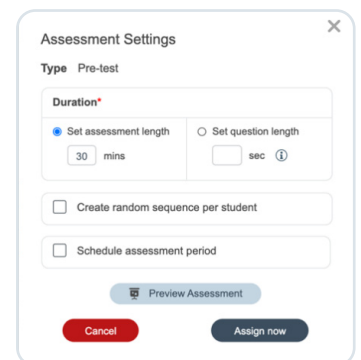
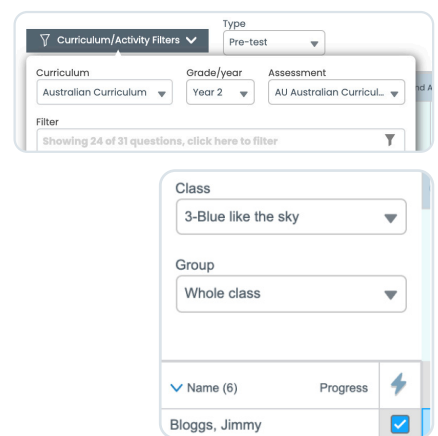
Mathletics offers a range of curriculum-aligned Assessments designed to assess students' understanding. Assessments can be conducted in different modes or test 'types', meaning you can repeat the same Assessment multiple times in different modes to measure growth, or just re-focus on specific topic areas. You can use the Fill Learning Gaps tool to identify student knowledge gaps and assign UPF Learning Journeys to help address any areas of weakness.

Follow these steps to get started!

- 1 Click on Assign & Review, then click Assess
- 2 Select the **Curriculum** and **Grade/Course**
- 3 Select the group you'd like to assign the assess
- 4 Select the you'd like to assign
- 5 Click the **Assign** button at the bottom of the page
- 6 Choose if you'd like to assign the activity now or for a later date

Note: In Assessments you can't assign individual questions to students.

- 7 Once selected, click the Assign button at the bottom of the screen.
- 8 In the pop-up modal you can:
 - **Assign a duration** to the whole Assessment OR to each question;
 - Choose to **randomise the questions**
 - **Schedule the Assessment** period; and
 - **Preview** the Assessment.



As students answer questions, their results drop into the grid. Correct questions are indicated in green, incorrect answers are indicated in red & unattempted questions are indicated in grey

The 'Assign & Review Assessments' grid shows a table of student results. The columns represent questions (Question 19 to Question 42) and the rows represent students (Ali, Salim; Alvarez, Luis; Gaetana Agnesi, Mari...; Ming, Candice; Petrovic Alas, Mihai...). The grid cells are colored: green for correct answers, red for incorrect answers, and grey for unattempted questions. For example, Ali, Salim has correct answers for questions 19-24, 26-28, 30-32, 34-36, 38-40, 41, and 42, but incorrect answers for questions 25, 29, 33, and 37. Gaetana Agnesi, Mari... has incorrect answers for questions 25, 29, 33, 37, 38, 39, and 41, and unattempted questions 20, 21, 22, 23, 24, 26, 27, 28, 30, 31, 32, 34, 35, 36, 40, and 42.

Mathletics Getting Started Guide

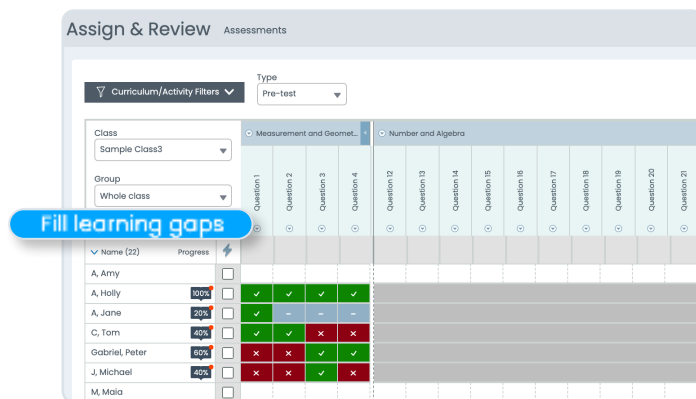
Mathletics Activity Types

Assessments

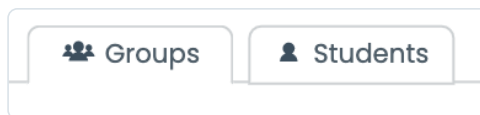
'Fill Learning Gaps'

Mathletics' 'Fill Learning Gaps' feature allows teachers to identify and remediate student knowledge gaps based on assessment results. The course recommendations are made from Mathletics' curriculum-aligned activities.

After completing an assessment you will see the 'Fill Learning Gaps' button appear above the class/group list in the Assign and Review area of Assessments.



Here you will have the opportunity to view learning gaps at class and student level.



Viewing at Class or Group level

The screenshot shows the 'Fill Learning Gaps' tool interface for 'Sample Class3 - AU Australian Curriculum + Test A Y3'. It includes a 'Filter students by' dropdown (Whole class) and an 'Assessment type' dropdown (Post-test). A large circular gauge shows '56%' with a 'Class' icon. Below, a table lists 'Top Problem Questions' with their respective error percentages. At the bottom, there are checkboxes for 'LI test' and 'Exploring prisms' with 'Preview' and 'Assign to group' buttons.

Callouts explain the following features:

- Questions with the highest frequency of errors
- Percentage of the class / group who answered the question incorrectly
- Average result (%) across the class/group
- Symbol indicates the topic area
- Learning journeys to address the knowledge gap

'Fill Learning Gaps' data at class or group level

- The 'Fill Learning Gaps' tool will identify the top 4-5 questions where students underperformed, indicating a class or group-wide knowledge gap.
- Under *Address learning gaps with these activities* are the recommended learning journeys that can be assigned to remediate the knowledge gap.
- To assign the recommended learning journeys, simply select the courses you'd like to assign and click *Assign to Group*.
- Any activities assigned via the 'Fill Learning Gaps' tool will now appear in the Assign and Review area in Revise, and on the student's To Do List.

Live Mathletics Levels

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 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		

Tip!

Teachers can restrict access to the lower levels to ensure students are being challenged by selecting **Settings** in your teacher console, then **Set minimum levels** and select the level you wish your students to access from.

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 practise 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 working towards achieving Bronze, Silver, Gold, Platinum, Emerald, Diamond, Epic, and Legend certificates.

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.
- 4 Go to the Parent Portal to [sign up](#) for weekly reports on your child's progress delivered straight to your inbox at mathletics.com/parent-portal/sign-up.



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

Are you a super Mathlete?

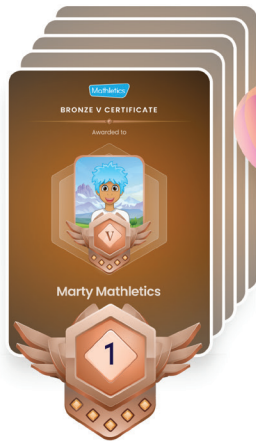
HINT

Earn maximum points by completing curriculum activities.

1000 Points
a week earns you a certificate.

HINT

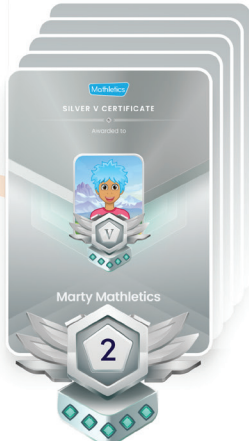
36 weeks of consistent work earns you Legend status!



BRONZE



5 BRONZE LEVELS



SILVER



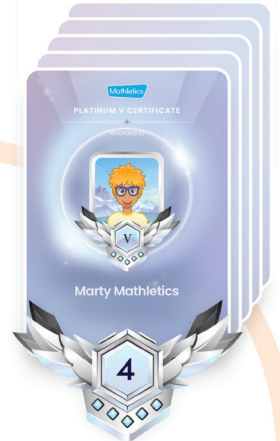
5 SILVER LEVELS



GOLD



5 GOLD LEVELS



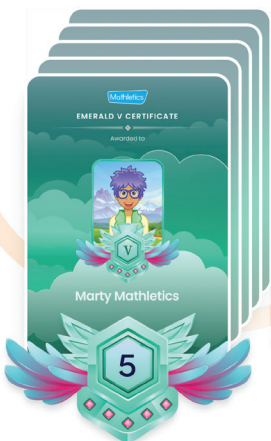
PLATINUM



5 PLATINUM LEVELS

Level up!

There are 5 certificates in each level. Each new certificate earns you a gem.



EMERALD



5 EMERALD LEVELS



DIAMOND



5 DIAMOND LEVELS



EPIC



5 EPIC LEVELS



LEGEND



5 LEGEND LEVELS

How to earn points

Curriculum content

1 x correct answer = 10 points

1 x correct test answer = 20 points

Live Mathletics

1 x correct answer = 1 point

1 x correct bonus level answer = 2 points

Bonus

Level up or complete a Quest = 50 points





Mathletics

For more information about Mathletics,
contact our friendly team.

www.mathletics.com/contact