



Lead Educator Program

Getting Started Guide

What is a Mathletics Lead Educator?

Lead Educators in Mathletics:

- INTEGRATE** Demonstrate and implement an in-depth knowledge of quality teaching using Mathletics
- LEAD** Support the school community in successfully integrating Mathletics
- CONNECT** Share knowledge, skills and expertise with like minded teachers locally, nationally and globally
- LEARN** Dynamically learn about innovation in education
- INTERACT** Engage with the Mathletics Team

How do I get involved?

- 1 Download the Lead Educator Certification Pack
- 2 Complete the online assessment tool and obtain your school leadership team's endorsement
- 3 Participate in a scheduled MasterClass webinar
- 4 Register for membership of the Lead Educator blog

Contact the Team at:

E: leadeducator@3plearning.com
P: 02 9019 2816 or 1300 850 331

Mathletics Lead Educator Certification

Download

- ✓ Access your Mathletics Lead Educator Pack from www.3plearning.com/au/mathleticscertification/

Self Certification

- ✓ Refer to the Lead Educator Certification self-assessment grid and mark off achieved outcomes
- ✓ Undertake relevant training from the suite of training options available to support your progress

Webinar

- ✓ Participate in a MasterClass webinar

Validation and recognition

- ✓ Complete the online self-certification assessment tool
- ✓ Obtain endorsement from your school leadership team and email to leadeducator@3plearning.com
- ✓ Receive your Lead Educator Certificate
- ✓ Receive details for membership of the Lead Educator blog

Build Momentum

- ✓ Individual Lead Educators are encouraged to be involved in our community creatively, for example mentor others, engage in discussions, provide feedback, share tips, tools and lesson plans
- ✓ Qualify your school for Lead School status by supporting an additional two colleagues through the Lead Educator Program



Lead Educator Program Self Certification Assessment Grid

Name:	My School:	School Certification Code: *
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	Mathletics Certification 1	Mathletics Certification 2	Mathletics Lead Educator
OVERALL OBJECTIVE	My students use Mathletics as part of their learning process to improve results	I use Mathletics to develop my students as learners and ensure maximum individual results	I integrate Mathletics to target and improve whole school numeracy goals
STUDENT ENGAGEMENT OUTCOMES	<i>My students regularly use Mathletics for learning</i>	<i>Each of my students has their own targeted and individual learning pathway</i>	<i>My students belong to a connected learning community at home and at school</i>
Indicators	My students access Live Mathletics independently at school and at home <input type="checkbox"/>	My students' engagement is maintained with regular recognition of achievement eg presentation of certificates, trophies, class parties <input type="checkbox"/>	I coordinate participation in class or school events such as World Maths Day <input type="checkbox"/>
	My students access Mathletics curriculum activities independently at school and at home <input type="checkbox"/>	My students can use Mathletics to find the information they need to answer a question eg using Support, Concept Search, Dictionary <input type="checkbox"/>	I administer in-school competitions <input type="checkbox"/>
	My students understand the points and rewards systems, know how to earn a certificate and I acknowledge their success <input type="checkbox"/>	My students can identify and select activities which will help them to progress and access Harder/Easier activities <input type="checkbox"/>	I provide teachers with strategies to keep students engaged in their mathematics learning <input type="checkbox"/>
	My students are encouraged to repeat curriculum activities and are aware that the questions are randomly generated <input type="checkbox"/>	My students use their curriculum results to reflect on their learning and identify what they need to do to progress <input type="checkbox"/>	I define and implement school wide recognition strategies <input type="checkbox"/>
	My students use Support when they need help <input type="checkbox"/>	I use Live Mathletics to model and teach number strategies to my class <input type="checkbox"/>	Student achievement in Mathletics is acknowledged throughout the school <input type="checkbox"/>
			I support whole school engagement by involving parents, communicating success stories and updating the school community with developments in Mathletics <input type="checkbox"/>



Lead Educator Program

Self Certification Assessment Grid

	Mathletics Certification 1	Mathletics Certification 2	Mathletics Lead Educator
TEACHING OUTCOMES	<i>I use the Mathletics teacher console resources to enrich the learning process for my students</i>	<i>I use a range of Mathletics resources and strategies to develop independent learners</i>	<i>I support all teachers in using Mathletics effectively</i>
Indicators	I use the Teacher Demonstration feature for whole class and group teaching <input type="checkbox"/>	I regularly create, edit and adjust groups in my class to cater for the changing needs of individual learners <input type="checkbox"/>	I provide new teacher training and ongoing teacher training as part of the school professional development program <input type="checkbox"/>
	I use eBooks as an additional teaching resource <input type="checkbox"/>	I integrate eBooks / interactives in my lesson to teach mathematical concepts and problem solving strategies <input type="checkbox"/>	I support teachers in moving through the Mathletics Certification Pathway <input type="checkbox"/>
	I use Results to set tasks for my class <input type="checkbox"/>	I use Results and Reports to provide feedback to my students <input type="checkbox"/>	I ensure that the use of Mathletics is included in school mathematics planning <input type="checkbox"/>
		I regularly use Results to set support, core and extension activities for individuals and groups in my class <input type="checkbox"/>	I provide expert assistance to colleagues in integrating Mathletics technologies to drive innovation and improve results in my school <input type="checkbox"/>
		I use the Course area to provide personal learning pathways for my students <input type="checkbox"/>	I keep abreast of Mathletics product development to provide my school community with regular insights and updates regarding teaching and learning <input type="checkbox"/>
		I use Mathletics to develop different mathematical skills eg problem-solving, mental and written calculation strategies, fact recall <input type="checkbox"/>	
		I use Mathletics with a range of teaching and learning strategies eg group work, whole class teaching, peer teaching, collaborative learning and individual study <input type="checkbox"/>	
		I use the Lessons feature to introduce, explore and reinforce new concepts <input type="checkbox"/>	



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Self Certification Assessment Grid

	Mathletics Certification 1	Mathletics Certification 2	Mathletics Lead Educator
ASSESSMENT OUTCOMES	<i>I use the Mathletics teacher console resources for assessment</i>	<i>I use Mathletics results to inform my teaching both formatively and summatively</i>	<i>I monitor numeracy progress across the school and implement support to teachers</i>
Indicators	I use Reports to review progress in curriculum topics and Live Mathletics <input type="checkbox"/>	I use Results and Reports to identify whole class, group or individual strengths and weaknesses and use this data to inform my mathematics planning <input type="checkbox"/>	I use school usage to review whole school progress and to provide feedback to teachers <input type="checkbox"/>
	I use Assessments and topic tests as part of the learning process <input type="checkbox"/>	I adjust Mathletics courses, Live Mathletics levels and class groupings based on data from Results and Reports for individuals, groups and classes <input type="checkbox"/>	I use class and school results to determine long term mathematics planning <input type="checkbox"/>
		I export and use Mathletics Results as part of my end of semester or end of year assessment <input type="checkbox"/>	I interpret student assessments to identify common misconceptions and provide strategies for remediation <input type="checkbox"/>
		I use Assessments and topic tests for diagnostic, formative and summative assessment <input type="checkbox"/>	I provide expert training for teachers in using Results and Reports to assess student progress <input type="checkbox"/>
			I provide teachers with a Mathletics assessment plan eg how to assess and when <input type="checkbox"/>

* ¹ Call your Account Manager now on 1300 850 331 to obtain your code.

² Certification Level 2 may be commenced after achieving Level 1. You may complete Lead Educator Certification independent of Certification Level 1 or 2.

Think you have achieved your Certificate level? Go to www.3plearning.com/au/mathleticscertification/



Lead Educator Program

Tips For Success

Mathletics Lead Educator

I integrate Mathletics to target and improve whole school numeracy goals

STUDENT ENGAGEMENT OUTCOMES

My students belong to a connected learning community at home and at school

Indicators	Tips for Success
I coordinate participation in class, cohort or school events such as World Maths Day	Register one or more classes, year levels or the entire school in the various 3P Learning Challenges
	Make signing in easy for junior students. Ask your Mathletics Administrator to simplify passwords
	Consider having junior students sign into Mathletics on the same computer so they can save their user name and password
	Acknowledge student or class appearance in the Hall of Fame by taking a screenshot and celebrating either by email or in class
I administer in-school competitions	Use the Live Mathletics v Class and v School options to run a School or class based competition
	Longer range competitions based on total class points will incorporate both mental arithmetic and curriculum results
	Create Class of the Term awards based on certificates and Live Mathletics tallies
I provide teachers with strategies to keep students engaged in their mathematics learning	Secondary students appreciate assessment marks for Mathletics participation when completing tasks
	Class buddy systems work to support Mathletics for primary students
	Motivators for students include Live Mathletics game time at the end of a curriculum lesson and free access to Mathletics as a reward for good behaviour
	Demonstrate a lesson for your colleagues to share great teaching ideas
	Consider opening up Library or Computer lab access to students
	Mentoring - have older students mentor younger students during first term. Older students benefit by improving their literacy skills and also improve numeracy skills by supporting junior students
	Consider locking upper primary and high school students out of lower levels in Live Mathletics
Encourage students by running a class competition with the winning class rewarded with a small prize or certificate	



Lead Educator Program

Tips For Success

I define and implement school wide recognition strategies	Mathletics Trophy presented to students at assembly
	Regular newsletter recognition of students
Student achievement in Mathletics is acknowledged throughout the school	Class Wall of Fame displaying certificates
	Mathlete of the Week
I support whole-school engagement by involving parents, communicating success stories and updating the school community with developments in Mathletics	Recommend your parent community register at www.mathletics.com/parent to receive weekly reports
	Share a Mathletics success story in the newsletter (highest points achiever for the school for the week or announcement of Gold Certificate earners)
	Host parent information sessions to share ideas on how they can support their children
TEACHING OUTCOMES	
I support all teachers in using Mathletics effectively	
Indicators	Tips for Success
I provide new teacher training and ongoing teacher training as part of the school professional development program	Conduct new teacher training or regular 10 minute sessions in year level or school meetings
	Supply new teachers with a user guide from the site
	Regularly communicate updates and focus areas which are in line with school priorities
I support teachers in moving through the Mathletics Certification Pathway	Schedule regular discussion on how to best integrate and implement learning technologies to support maths learning
	Let your colleagues know they can earn a PD Certificate
	Run Certification sessions within the school PD program to support teachers to achieve the competencies
I ensure that the use of Mathletics is included in school mathematics planning	Advertise the Mathletics webinar and workshop calendar and provide opportunities for teachers to join the sessions
	Involve your school leaders or Principal when planning numeracy curriculum to incorporate Mathletics
	Use Mathletics in virtual classrooms and distance learning arrangements



Lead Educator Program

Tips For Success

I provide expert assistance to colleagues in integrating Mathletics technologies to drive innovation and improve results in my school	Demonstrate how to integrate Mathletics using mobile devices
	Demonstrate Mathletics on a projector or interactive whiteboard
I keep abreast of Mathletics product development to provide my school community with regular insights and updates regarding teaching and learning	Ensure your colleagues have their email address logged in the Mathletics Admin Centre so they can receive Mathletics updates and training options
	Check the Mathletics blog regularly
	Follow Mathletics blog contributors
	Build your community's awareness and recommend parents register to receive weekly Mathletics reports
	Consider a termly newsletter update with total number of certificates earned across the school. Identify stronger year groups and encourage others
	Share insights with school colleagues, leaders and/or parents

ASSESSMENT OUTCOMES

I monitor numeracy progress across the school and implement support to teachers

Indicators	Tips for Success
I use school usage to review progress and achievement and to provide feedback to teachers	Monitor class and year level use and guide appropriate support in meetings as to how to best use Mathletics in lessons
	Identify exceptional users and allow them to share their usage and results at staff meetings
I use class and school results to determine long term mathematics planning	Look at trends in results to help remediate mathematical misunderstandings and identify areas for school improvement
I interpret student assessments to identify common misconceptions and provide strategies for remediation	Meet with groups of teachers to interpret assessment results, identify common misunderstandings and direct them to appropriate activities and support to help "bridge the gap"
	Help teachers to identify what activities in the eBooks are suitable to use in class to remediate common misunderstandings
I provide expert training for teachers in using Results and Reports to assess student progress	Review assessments of whole class conceptual understanding or by individual students and create personal learning pathways. Emphasise the importance of using the assessment formatively
I provide teachers with a Mathletics Assessment Plan eg how to assess and when	Provide a schedule of recommended assessment tasks to use throughout the term



Lead Educator Program

School Leadership Endorsement

Submit your Lead Educator application by scanning and emailing to leadeducator@3plearning.com

Applicant details	
Applicant Name:	
School Email:	
School Name:	
School Address:	
Principal/ School Leader:	

Applicant achievements (to be completed by Principal/ School Leader)	
As a leader, she/ he has integrated Mathletics to target and improve whole school numeracy goals by	Please check
Connecting our learning community	
Supporting teachers to use Mathletics effectively	
Monitoring numeracy progress across the school and implementing appropriate support to teachers	
Share how the applicant has achieved this:	

Endorsed: _____

Date: _____

Principal | School Leader