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Mathletics

The Mathletics Teacher Certification Pathway:

Assessment Grid: LEVEL 1

Name:

School Name:

City/Province

- ✓ My students use Mathletics as part of their learning process to improve results.
- ✓ My students regularly use Mathletics for learning.

Student Outcomes		Objectives	Tips for Success
	C1.1	My students regularly access Live Mathletics independently at school and at home.	<p>Set a regular Live Mathletics night for homework where pupils can play classmates.</p> <p>Use Live Mathletics as a reward or warm up before a math lesson.</p>
	C1.2	My students access Mathletics curriculum activities independently at school and at home.	<p>Remind students that they earn 10 times as many points for a correct answer in a curriculum activity as in Live Mathletics.</p> <p>Assign curriculum activities for homework.</p>
	C1.3	My students understand the points and reward systems, know how to earn a certificate and I acknowledge their success.	<p>Set students a target to earn their first bronze, silver or gold certificate.</p> <p>Encourage students to budget their credits for a special purchase in the Avatar shop.</p> <p>Create a class or school 'Wall of Fame' to display Mathletics certificates.</p>
	C1.4	My students are encouraged to repeat curriculum activities and are aware that the questions are randomized and adaptive.	<p>Set targets to convert a certain number of results from blue bars to gold bars in a week. Record this on a wall chart or individual tracker.</p>
	C1.5	My students reflect on and connect their math learning with Mathletics.	<p>Encourage students to journal about their learnings in Mathletics.</p> <p>Integrate Mathletics during student led conferences.</p> <p>Have students demonstrate their favourite Mathletics tools to parents during parent/teacher interviews.</p>



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Student Outcomes	C1.6	My students use Support or Concept Search when they need help.	Use support or Concept Search to introduce new terms or methods to answer a question.
	C1.7	I invite my parents to subscribe to receive weekly email reports of their child's progress.	Distribute the letter for parents or post on your classroom blog.

✓ I use the Mathletics teacher console resources to enrich the learning process for my students.

		Objectives	Tips for Success
Teacher Outcomes	C1.8	I use the Teacher Demonstration feature for whole class and group teaching.	Use the Teacher Demonstration tool to model curriculum activities before students complete independently. Access Live Mathletics to compete against your students.
	C1.9	I use eBooks as an additional teaching resource.	Create a blended learning environment by using with online activities. Display eBooks problem-solving activities on an Interactive white board for collaborative work.
	C1.10	I use Results to set tasks for my students.	Set curriculum activities for homework. Reference the 'Results' mark book to strategically group students.

✓ I use the Mathletics teacher console resources for assessment.

		Objectives	Tips for Success
Teacher Outcomes	C1.11	I use 'Reports' to review progress in curriculum topics and Live Mathletics.	Use the 'export' button to save data and use as evidence of progress for student reports and/or reviews.
	C1.12	I use 'Assessments' and topic tests as part of the learning process.	To assess the impact of Mathletics, set formative and summative assessments and compare results. Use 'Assessments' in preparation for provincial assessments without the pressure of a test environment.



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Find guides and support here: www.3plearning.com/training
Submit your completed certification at www.mathletics.com/certification

“The Certification Pathway is a great program and was amazing in my continued efforts to implement Mathletics in my school.

The Certification tiers allowed me to choose which goals I wanted to achieve and I had access to online training to support my progress. This self-guided program encouraged and supported me to focus on each student’s needs and goals. I feel confident to encourage students in the use of Mathletics, to support my colleagues, and engage school communities.”

Sarah Thompson,
Mathletics Lead Educator, Saskatchewan

