



## **Mathematics Teacher Questionnaire (end-of-year)**

This questionnaire is part of a study being conducted by the Centre for the Study of Learning and Performance at Concordia University in Montreal, Canada and Aga Khan Academy, in Mombasa Kenya. The goal of this study is to support the development of mathematics skills in young children. In this regard, we are asking you to complete the questionnaire about your experiences in teaching mathematics to your class this year.

All information you provide will be kept strictly confidential and under no circumstances will your individual responses be released to the school or the school district administration. Participation in this project is voluntary and you are free to discontinue at any time. However, your professional experiences and opinions are crucial to helping us understand teaching from the educator's point of view. We would greatly appreciate your taking the time to complete our questionnaire.

If you have questions and concerns, please contact the LTK+ project coordinator Mr. Enos Kiforo at [enos.kiforo@agakhanacademies.org](mailto:enos.kiforo@agakhanacademies.org).

We thank you for your participation!

1. What is your full name? \_\_\_\_\_
2. What is your school name? \_\_\_\_\_
3. This year, have you attended any professional development workshops about teaching mathematics?  
Yes (1)  
No (2)
4. What topics were these workshops focused on?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Were any of these workshops related to ELM instruction?  
Yes (1)  
No (2)
6. Can you estimate the total number of hours you spent at these workshops? \_\_\_\_\_
7. What grade level are you currently teaching? \_\_\_\_\_
8. How many learners are there in your class? \_\_\_\_\_
9. How many girls? \_\_\_\_\_
10. How many boys? \_\_\_\_\_
11. How many hours of Math instruction does your class have per week? \_\_\_\_\_
12. This year, have you taught your class using PRIEDE curriculum?  
Yes (1)  
No (2)
13. Which of the following mathematical concepts have you taught to your class in 2021?  
Counting (1)  
Comparing (2)  
Subtracting (3)  
Adding (4)  
Place value (5)  
Geometry (6)

Patterns (7)

Decomposing (8)

Bar graphs and tables (9)

Number as displacement (10)

14. How confident are you in early mathematics?

Very Confident (1)

Somewhat Confident (2)

Neutral (3)

Somewhat Unconfident (4)

Very Unconfident (5)

15. This year, have you used ELM software to teach your Math class?

Yes (1)

No (2)      **- If you chose "no", skip questions 16 – 23 and resume at 24**

16. This year, how many hours per week have you used ELM to teach your Math class?

Less than 1 hour (1)

Between 1 and 2 hours (2)

More than 2 hours (3)

17. Which of the mathematics concepts have you taught using ELM this year?

Counting (1)

Comparing (2)

Subtracting (3)

Adding (4)

Place value (5)

Geometry (6)

Patterns (7)

Decomposing (8)

Bar graphs and tables (9)

Number as displacement (10)

18. Which of the ELM features and resources have you used this year?

ELM student activities (1)

Consolidation questions (2)

Offline lessons (3)

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ELM reports (4)

Student plans (5)

19. How comfortable are you in using ELM to teach mathematics?

Very Comfortable (1)

Somewhat Comfortable (2)

Neutral (3)

Somewhat Uncomfortable (4)

Very Uncomfortable (5)

20. This year, have other teachers from your school used ELM in their classes?

Yes (1)

No (2)

21. This year, have you received in-school support in using ELM for Math instruction?

Yes (1)

No (2)

22. How satisfied are you with the quality of in-school ELM support?

Very satisfied (1)

Somewhat satisfied (2)

Neutral (3)

Somewhat unsatisfied (4)

Very unsatisfied (5)

23. To what extent do you agree with the following statements?

<i>The use of ELM ...</i>	<i>Strongly disagree</i>		<i>Neutral</i>		<i>Strongly agree</i>
was effective because I implemented it well	5	4	3	2	1
eased pressure on me as a teacher	5	4	3	2	1
was effective for my students of all abilities	5	4	3	2	1
demanded too much time to be spent on technical problems	5	4	3	2	1
made me feel comfortable in teaching Math	5	4	3	2	1
was successful because I was trained	5	4	3	2	1
took a lot of time and effort	5	4	3	2	1
benefited me and my students, therefore I will teach with ELM next year	5	4	3	2	1

24. What other software have you used to teach mathematics?

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25. What sort of computer equipment have the learners in your class used to learn mathematics this year?

Desktop computers (1)

Laptops/tablets (2)

All the above (3)

None (4)      **- If you chose "none", skip questions 26 – 28 and resume at 29**

26. If you used a computer lab, how have you accessed it?

At any time (1)

According to the school schedule (2)

I had to coordinate with other teachers (3)

Other: \_\_\_\_\_ (4)

27. In your class how many learners are there to one computer/ tablet? \_\_\_\_\_

28. How reliable has your lab (computers/tablets) been this year?

Very reliable (1)

Somewhat reliable (2)

Neutral (3)

Somewhat unreliable (4)

Very unreliable (5)

29. How comfortable are you in your abilities to teach with computers?

Very Comfortable (1)

Somewhat Comfortable (2)

Neutral (3)

Somewhat Uncomfortable (4)

Very Uncomfortable (5)