



Mathematics Teacher Questionnaire

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 that regard, we have developed a questionnaire to learn more about the context in which you teach mathematics to your class.

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 about this project, please contact Dr. Malusi Benerdeta, Course Coordinator, Numeracy F4L Project at +254 714 796919 / 254 736 469980 or email: benerdeta.malusi@agakhanacademies.org at

We thank you for your participation in this study!

1. What is your full name? _____

2. What is your gender?

Male (1)

Female (2)

3. How old are you? _____

4. What is your highest level of education?

Some high school (1)

Completed high school (2)

Some university or college (3)

Completed university or college (4)

Undergraduate university degree (5)

Graduate university degree (6)

Completed teacher college (7)

5. What is your undergraduate degree in? _____

6. How many years were you in a teacher education program? _____

7. List the mathematics education courses you have taken at the undergraduate and graduate levels. If you don't remember, write "I do not remember".

9. Since your graduation, have you attended any professional development workshops regarding teaching mathematics?

Yes (1)

No (2)

10. What topics were these workshops focused on?

11. Can you estimate the number of hours spent at these workshops regarding teaching mathematics? _____

12. How many years have you been teaching? _____

13. What is your school name? _____

14. What grade level/standard are you currently teaching?

Kindergarten (1)

Grade 1 (2)

Grade 2 (3)

Grade 3 (4)

Other: _____ (5)

15. How many hours of Math instruction does your class have per week? _____

16. Have you ever used any computer program to teach your class?

Yes (1)

No (2)

17. What computer program have you used?

18. How many learners are there in your class? _____

19. How many girls? _____

20. How many boys? _____

21. How confident are you in early mathematics?

Very Confident (1)

Somewhat Confident (2)

Neutral (3)

Somewhat Unconfident (4)

Very Unconfident (5)

22. Which of the following mathematical concepts do you usually teach to this grade level?

- Counting (1)
- Comparing (2)
- Subtracting (3)
- Adding (4)
- Place value (5)
- Geometry (6)
- Patterns (7)
- Decomposing (8)

23. Do you teach your class using PRIEDE curriculum?

- Yes (1)
- No (2)

24. What sort of computer equipment are learners in your class able to access?

- Desktop computers (1)
- Laptops or tablets (2)
- DLP tablets (3)
- All the above (4)
- None (5)

- If you chose "none", skip questions 25 – 32 and resume at 33

25. If you have computers/tablets, are they:

- In every classroom (1)
- In a special computer lab (2)
- Both (3)

26. If your school has a computer lab, how can you access it?

- At any time (1)
- According to the school schedule (2)
- I have to coordinate with other teachers (3)
- Other: _____ (4)

27. Are there enough computers/tablets for your entire class?

- Yes (1)
- No (2)

28. How many learners are there to a computer/ tablet? _____

29. How reliable are the computers in your school?

Very reliable (1)

Somewhat reliable (2)

Neutral (3)

Somewhat unreliable (4)

Very unreliable (5)

30. How reliable is the electricity for the computers in your school?

Always available (1)

Available at certain hours a day (2)

Available under my control (3)

Unpredictable—over days (4)

Unpredictable—throughout any given day (5)

31. Does your school have a generator?

Yes (1)

No (2)

32. Is the generator available to support computer use?

Yes (1)

No (2)

I do not know (3)

33. Had you seen anyone else use ELM in the classroom before you joined this project?

Yes (1)

No (2)

34. If yes, who? _____

35. 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)