

TEACHER SURVEY (ENDLINE)

I. GENERAL INFORMATION

[Complete this section before you enter the school.]

1. Surveyor ID *[Check your ID card]:*
 - a. _____
2. Date of the survey
 - a. ____/____/____
3. Time of the survey
 - a. ____:____:____
4. Division:
 - a. A
 - b. B
 - c. C
5. District *[Ask your field supervisor]:*
 - a. _____
6. Upazila *[Ask your field supervisor]:*
 - a. _____
7. School name *[Ask the school principal]:*
 - a. _____
8. School code
 - a. _____
9. GPS location
 - a. Record GPS location
 - b. No network

II. INFORMED CONSENT

[Introduce yourself and then read out the following statement. Secure consent before proceeding with the rest of the survey.]

Assalamu alaikum, my name is _____, and I work for a research organization called ARCED. We are working with the Bangladesh government's Ministry of Education and the World Bank to study how children's learning in classrooms can be improved. As a part of this study, we are interviewing teachers about their background, beliefs and instructional practices.

We do not foresee any potential risks for you by participating in the survey. This interview is not compulsory, and if you choose to continue with the interview, you can choose not to respond to any or all the questions we ask.

I will ask you a few questions which will take approximately 20-25 minutes. Any personal information you provide will be kept confidential. Please note that this call is being recorded for quality checks and will be deleted after that. All the information collected will be stored in a secure format and will remain confidential. These data are being used by independent researchers for research purposes only. All individual responses will be kept strictly confidential, and your personal details and responses will not be shared with anyone.

For any questions about this study, concerns, or complaints, you can always reach out to [name].

10. *[Did you obtain consent?]*
 - a. Yes
 - b. No
11. Why do you not want to participate in the survey? *[Do not read out the options.]*
 - a. I worry about the implications of this study for my job
 - b. I am not confident that my data will be kept private
 - c. I do not have time to participate
 - d. Other. Please, specify: _____
12. What is your first and last name?
 - a. First name: _____
 - b. Last name: _____
13. Is this teacher already in the database?
 - a. Yes
 - b. No

III. TEACHER CHARACTERISTICS

[Ask the teacher the following questions. In all multiple-choice questions, select only one option unless indicated otherwise.]

14. *[Indicate the sex of the teacher. Do not ask him/her.]*

- a. Male
 - b. Female
15. What is your date of birth? *[Choose one and complete each field separately.]*
- a. Enter DOB
 - i. Day: _____ *[Write in dd format]*
 - ii. Month: _____ *[Write in mm format]*
 - iii. Year: _____ *[Write in yyyy format]*
 - b. I am _____ years old (in years) *[Only choose this option if specifically requested by respondent; do not read it aloud.]*
 - i. _____ years
 - c. Would rather not say *[Only choose this option if specifically requested by respondent; do not read it aloud.]*
16. What is the highest level of formal education that you have completed?
- a. Primary school (classes I to V)
 - b. Secondary school (classes VI to X)
 - c. Higher secondary school (classes XI to XII)
 - d. Diploma/Technical/Vocational degree
 - e. Bachelor's degree
 - f. Master's degree
 - g. Doctorate
 - h. No formal education
17. During your college or university education, what was your major or main area(s) of study? *[Select all that apply.]*
- a. Education – pre-school/early childhood education
 - b. Education – primary/elementary
 - c. Education – secondary
 - d. Math
 - e. Science
 - f. Language/reading
 - g. None of the above
18. How did you receive your first teaching qualification?
- a. I attended a pre-service teacher education (example B.Ed) or training program at a teacher training institution
 - b. I attended an in-service teacher education or training program
 - c. I received subject-specific education only, without any teacher training
 - d. I received my first teaching qualification in another way (not listed)
19. Were any of the topics listed below included in your pre- or in-service training activities? *[Select all that apply.]*

	Included in my pre- service training	Included in my in- service training
a. Knowledge and understanding of your subject field(s)		
b. Teaching methods for my subject field(s)		
c. Knowledge of the curriculum		
d. Student assessment practices		
e. Methods for teaching children with different skills		
f. Teaching students with special needs		
g. Use of evaluation results		

20. In the present school year, which subject(s) do you teach in grade 6? *[Select all that apply.]*
- a. Mathematics
 - b. English
 - c. Bangla
 - d. None of the above
21. In the present school year, how many students do you have in your grade 6 classroom? *[Select all that apply.]*
- a. _____ students
22. By January of 2022, how many years had you spent working... *[Complete each field separately.]*
- a. ...as a teacher? _____
 - b. ...as a teacher at this school? _____
 - c. ...as a grade 6 teacher? _____
 - d. ...as a Mathematics teacher? _____
 - e. ...as a Bangla teacher? _____
 - f. ...as an English teacher? _____

IV. **BELIEFS ABOUT STUDENTS' SKILLS**

[Ask the teacher the following questions. In all multiple-choice questions, select only one option unless indicated otherwise.]

23. What percentage of your students in the grade 6 class do you think are proficient in the following content areas in mathematics? That is, what percentage of your students in grade 6 class do you think would be able to answer all questions correctly in a given test from this domain. *[Ask the teacher to provide his/her best estimation. Remind him/her*

that the categories below are not mutually exclusive (i.e., a student may be able to perform number operations and geometry).]

	Percentage
a. <u>Number and operations</u> : Identify and count natural numbers, fractions and integers; solve problems on ratios, proportions, unitary method, percentages, averages and profit or loss; solve problems involving integers	
b. <u>Measurement</u> : Application of perimeter, area, etc., of shapes	
c. <u>Data</u> : Calculate mean, median, and mode of the dataset, understand and use line graphs	
d. <u>Geometry</u> : Explain basic geometrical concepts and apply them to problem solving; explain the properties of angles formed by parallel lines and a transversal and use those properties; understands properties of a triangle; does geometrical constructions of angles and triangles.	
e. <u>Algebra</u> : Understand the various terms associated with algebra; add and subtract, algebraic expressions; solve algebraic equations in one variable and apply in context.	

24. How confident are you about your response to the question above?
- Certain – I expect all my estimates to be correct within a few percentage points
 - Very confident – I expect most of my estimates to be correct
 - Somewhat confident – Some estimates may be correct and others incorrect
 - Not confident – I am mostly guessing based on my experience
25. What percentage of your students in the grade 6 class do you think will answer the following questions correctly? *[Ask the teacher to provide his/her best estimation. Remind him/her that the categories below are not mutually exclusive (i.e., a student may be able to perform number operations and geometry).]*

	Percentage
a. In the <u>number and operations</u> domain: The student is asked to solve an equation. For example, $72 + 18 \text{ ____ } 15 = 6$.	
b. In <u>measurement and geometry</u> domain: The student is asked to name a triangle with all equal sides.	
c. In <u>data</u> domain: The student is asked to find the mode of seven numbers. For example, 8, 12, 7, 4, 7, 12, 7, 62.	

26. How confident are you about your response to the question above?
- Certain – I expect all my estimates to be correct within a few percentage points
 - Very confident – I expect most of my estimates to be correct
 - Somewhat confident – Some estimates may be correct and others incorrect
 - Not confident – I am mostly guessing based on my experience

27. I will read few names of students who could be in your class. Can you tell us if you recognize them? *[Choose one option for each student]*

	Yes, I remember this student from my class	No, I do not recall any student by that name
a. [Student 1]		
b. [Student 2]		
c. [Student 3]		
d. [Student 4]		
e. [Student 5]		
f. [Student 6]		
g. [Student 7]		
h. [Student 8]		
i. [Student 9]		
j. [Student 10]		
k. [Student 11]		
l. [Student 12]		
m. [Student 13]		
o. [Student 14]		
p. [Student 15]		
q. [Student 16]		
r. [Student 17]		
s. [Student 18]		
t. [Student 19]		
u. [Student 20]		

28. Can the students below answer the shown Math questions correctly? *[Ask the teacher to provide his/her best estimation. Choose one option for each student and each question.]*

	What is $a^2 \times a^5$?	The radius of a circle measures 8 cm. What is the measure of the diameter of the circle
a. [Student 1]	a. Yes b. No	a. Yes b. No
b. [Student 2]	a. Yes b. No	a. Yes b. No
c. [Student 3]	a. Yes b. No	a. Yes b. No
d. [Student 4]	a. Yes b. No	a. Yes b. No
e. [Student 5]	a. Yes b. No	a. Yes b. No

29. Can you give us an estimate of percentage score for each of the students, if they took this math test today, and if they had taken this test in August, that I am currently showing you? Please give us your best approximation. *[Ask the teacher to provide his/her best estimation]*

	Now	August
a. [Student 1]		
b. [Student 2]		
c. [Student 3]		
d. [Student 4]		
e. [Student 5]		
f. [Student 6]		
g. [Student 7]		
h. [Student 8]		
i. [Student 9]		
j. [Student 10]		
k. [Student 11]		
l. [Student 12]		
m. [Student 13]		
o. [Student 14]		
p. [Student 15]		
q. [Student 16]		
r. [Student 17]		
s. [Student 18]		
t. [Student ...]		
u. [Student 35]		

30. How confident are you about your response to the questions above? *[This question will be repeated from each student]*

- a. Certain – I expect all my estimates to be correct within a few percentage points
- b. Very confident – I expect most of my estimates to be correct
- c. Somewhat confident – Some estimates may be correct and others incorrect
- d. Not confident – I am mostly guessing based on my experience

PART 7: BELIEFS

31. In your teaching, to what extent can you do the following?

	Not at all	To some extent	Quite a bit	A lot
a. Get students to believe they can do well in schoolwork.				
b. Help my students value learning.				
c. Craft good questions for my students.				
d. Control disruptive behavior in the classroom.				
e. Motivate students who show low interest in schoolwork.				
f. Make my expectations about student behavior clear.				
g. Help students think critically.				
h. Get students to follow classroom rules.				
i. Calm a student who is disruptive or noisy.				
j. Use a variety of assessment strategies.				
k. Provide an alternative explanation for example when students are often confused.				
l. Implement alternative instructional strategies in my classroom.				

32. We would like to know how you generally feel about your job. How strongly do you agree or disagree with the following statements?

	Strongly disagree	Disagree	Agree	Strongly agree
a. The advantages of being a teacher clearly outweigh the disadvantages.				
b. I would like to change to another school if that were possible.				
c. I regret that I decided to become a teacher				
d. I wonder whether it would have been better to choose another profession				

33. Read each of the following sentences and choose one option given below.
- When a student gets a good grade, is it
 - because the student was putting effort into his schoolwork, or
 - because you found a good way of teaching that student?
 - When a student improves his/her grade, is it
 - because you found ways to motivate the student, or
 - because the students were trying harder to do well?
 - If students becomes disruptive during the lesson, is it
 - because the students came to school more rowdy than usual,
 - because the work that you assigned them is not interesting/engaging?
 - If a student has trouble understanding a concept during class, is it
 - because the student is not capable of understand it, or
 - because you were not able to explain the concept well enough.
34. Here are a number of statements that may or may not apply to you. There are no right or wrong answers, so just answer honestly, considering how you compare to most people.

	Very much like me	Mostly like me	Somewhat like me	Not much like me	Not like me at all
a. New ideas and projects sometimes distract me from previous ones.					
b. Setbacks don't discourage me. I don't give up easily.					
c. I have been obsessed with a certain idea or project for a short time but later lost interest.					
d. I am a hard worker					
e. I often set a goal but later choose to pursue a different one.					
f. I have difficulty maintaining my focus on projects that take more than a few months to complete.					
g. I finish whatever I begin.					
h. I am diligent.					

35. To what extent do you agree with the following statements. *[Select one option per row]*

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
a. You can learn new things, but you can't really change how intelligent you are					
b. You have a certain amount of intelligence, and you really can't do much to change it					
c. Your intelligence is something about you that you can't change very much					
d. Some people are good in Mathematics and others aren't and there's nothing that can be done about it					
f. Boys are more intelligent than girls					
g. Boys are better at Mathematics than girls					

36. How often do you use the following methods of assessing student learning? *[Select one option per row]*

	Never or almost never	Some lessons	Many lessons	Every lesson or almost every lesson
a. I develop and administer my own assessment				
b. I have individual students answer questions in front of the class				
c. I provide written feedback on student work in addition to a numeric score or letter grade				

37. In your experience as a teacher at this school, to what extent do the following occur? *[Select one option per row]*

	Not at all	To some extent	Quite a bit	A lot
a. Having too much lesson preparation.				
b. Having too many lessons to teach.				
c. Having too much marking.				
d. Having too much administrative work to do.				
e. I experience stress in my work.				
f. Being held responsible for students' achievement.				

38. Listed below are a number of statements concerning personal attitudes. Decide whether the statement is true or false as it pertains to you. *[Read out each statement clearly and complete each field separately.]*

- a. It is sometimes hard for me to go on with my work if I am not encouraged.
- b. I sometimes feel resentful when I don't get my own way.
- c. On a few occasions, I have given up doing something because I thought too little of my ability.
- d. There have been times when I felt like rebelling against people in authority even though I knew they were right.
- e. No matter who I am talking to, I am always a good listener.
- f. There have been occasions when I took advantage of someone.
- g. I am always willing to admit when I make a mistake
- h. I sometimes try to get even, rather than forgive and forget.
- i. I am always courteous, even to people who are disagreeable.
- j. I have never been irritated when people expressed ideas very different from my own.
- k. There have been times when I was quite jealous of the good fortune of others.
- l. I am sometimes irritated by people who ask favors of me.