

TEACHER SURVEY

Understanding sources of information for teachers' knowledge of students' skills

PART 1: GENERAL INFORMATION

1. Enter enumerator ID
 - a. _____ ID
2. Select date
 - a. Choose date
3. Select division
 - a. Chittagong
 - b. Dhaka
 - c. Mymensingh
4. Select district. *[Select from the drop-down list]*
 - a. _____ district
5. Select school. *[Select from the drop-down list]*
 - a. _____ school
6. Select teacher ID. *[Select from the drop-down list]*
 - a. _____ ID

PART 2: CONSENT

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 currently interviewing teachers about their beliefs, methodologies in teaching, and their understanding of student skills. To our regret, we are unable to visit you in person for this interview due to the Coronavirus/ COVID-19. We hope that you and your family are safe, and that this situation will get better.

We know that your time is highly valuable, and to compensate for the time you are spending with us for this survey, we will recharge your mobile number with 100 Taka. We will collect the phone number information at the end of the survey.

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 <hidden>. Contact: <hidden>.

7. Are you willing to participate in this survey?
 - a. Yes
 - b. No
8. Why do you not want to participate in the survey? *[Do not read out the options]*
 - a. Fear of action from higher authorities
 - b. Not confident about the data security
 - c. I do not have time for this
 - d. Other. Please, specify: _____

PART 3: TEACHER IDENTIFICATION

9. In 2019, did you work at [SCHOOL]? *[Select only one option. If the respondent answers "No", please clarify the question and read the school's name clearly once more before selecting "No".]*
 - a. Yes
 - b. No
10. In 2019, which of the following classes did you teach at [SCHOOL]? *[Select all that apply]*
 - a. Class 1
 - b. Class 2
 - c. Class 3
 - d. Class 4
 - e. Class 5
 - f. Class 6
 - g. Class 7
 - h. Class 8
 - i. Class 9 or above
11. Our records show that you taught class 6 at [SCHOOL] in 2019, is this information correct?
 - a. Yes
 - b. No

12. In 2019, did you teach Mathematics for grade 6 at [SCHOOL]?

- a. Yes
- b. No

13. In 2019, did you teach Bangla for grade 6 at [SCHOOL]?

- a. Yes
- b. No

14. Which section in the grade 6 did you teach [SUBJECT] at [SCHOOL]?

- a. Choose from the list

15. I will read few names of students who could have been in your class in 2019. Can you tell us if you recognize them? *[Choose one option for each child]*

	Yes, I remember this student from my class last year	No, I do not recall any student by that name
a. Student 1		
b. Student 2		
c. Abir Akter		
d. Student 3		
e. Student 4		
f. Rifah Begum		
g. Student 5		
h. Student 6		
i. Student 7		
j. Student 8		
k. Student 9		
l. Student 10		

PART 4: TEACHER CHARACTERISTICS

16. What is your full name? *[Complete each field separately]*

- a. First name(s): _____
- b. Middle name(s): _____
- c. Last (family) name(s): _____

17. Are you female or male? *[Select only one option]*

- a. Female
- b. Male

18. In 2019, did you work as a teacher at another school? *[Select only one option]*

- a. Yes, one other school
- b. Yes, more than one other school

- c. No
19. In 2019, approximately how many students did you have in your grade 6 classroom at [SCHOOL]? *[Complete each field separately or choose not applicable]*
- a. _____ students
20. 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]*
21. By the end of the 2019-2020 school year, how many years had you spent working... *[Complete each field separately]*
- a. ...as a teacher? _____
- b. ...as a teacher at [SCHOOL]? _____
- c. ...as a grade 6 teacher? _____
- d. ...as a Mathematics teacher? _____
- e. ...as a Bangla teacher? _____
22. What is the highest level of formal education that you have completed? *[Select only one option]*
- 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
23. Did you complete a teacher education or training program? *[Select only one option]*
- a. Yes, a program of 1 year or less
- b. Yes, a program longer than 1 year
- c. No
24. How did you receive your first teaching qualification? *[Select only one option]*
- 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)

25. Were any of the topics listed below included in your pre- or in-service training activities?

[Select all that apply]

- 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

PART 5a: STUDENTS' SKILLS - MATHEMATICS

26. As you may recall, the *National Assessment of Secondary Students (NASS)* was conducted in your school in 2019. Compared to other students in Bangladesh at this grade level in Mathematics, estimate what percent of students in your class are at the following performance levels based on their performance in NASS. *[Ask the teacher to provide his/her best estimation. Remind him/her that the categories below are mutually exclusive (i.e., a student cannot be in more than one level).]*

	%
a. high achievement levels (i.e. in the top third nationally)	
b. middle achievement levels (middle third nationally)	
c. low achievement levels (bottom third nationally)	

27. According to the 2019 NASS results, compared to other students in Bangladesh at this grade level in Mathematics, [xx%] of your class children were in the high achievement level, [yy%] were in the middle achievement level, [zz%] were in low achievement level. Are you surprised by this information?

- a. Very surprised
- b. Somewhat surprised
- c. Not surprised

28. To what extent do you think NASS tests covers the syllabus that you are teaching?

- a. High
- b. Moderate
- c. Low

29. What percentage of your students in the grade 6 class do you think are proficient in the following content areas in Mathematics? *[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).]

	%
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.	

30. 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

31. 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).]

	%
a. In the <u>number and operations</u> : The student is asked to arrange 4 numbers on a number line according to their value. For example, (3, -7, 6, 0).	
b. In <u>measurement</u> : The student is given the length and the breadth of a rectangle, and the student is asked to calculate the area? For example, 12 and 5 centimeters are given as length and the breadth.	
c. In <u>data</u> : The student is asked to find the mean and median of the five numbers. For example, (9, 11, 6, 15, 11).	
d. <u>Geometry</u> : The student is asked how many bases there are in a math book.	
e. <u>Algebra</u> : The student is asked what is the x's coefficient in $(-5x-5y)$?	

32. 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.]

	In a rectangle, the length and the	What is the x's coefficient in
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	<i>breadth are respectively 12 and 5 centimeters. What is its area?</i>	<i>(-5x-5y)?</i>
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

33. In the NASS 2019 Mathematics test, can you give us an estimate of percentage score for each of the students? The estimate you provide will not be considered correct or wrong, please give us your best approximation. *[Ask the teacher to provide his/her best estimation]*

	%
a. Student 1	
b. Student 2	
c. Student 3	

34. Which student do you think is deserves most of your attention? Please note that there is no right or wrong answer, we are merely interested in knowing your opinion. *[Ask the teacher to provide his/her best estimation, Select only one option]*

a. Student 1	
b. Student 2	
c. Student 3	

35. How confident are you about your response to the question above on individual predictions?

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

PART 5b: STUDENTS' SKILLS - BANGLA

36. As you may recall, the *National Assessment of Secondary Students (NASS)* was conducted in your school in 2019. Compared to other students in Bangladesh at this grade level in Bangla, estimate what percent of students in your class are at the following performance levels based on their performance in NASS. *[Ask the teacher to provide his/her best estimation. Remind him/her that the categories below are mutually exclusive (i.e., a student cannot be in more than one level).]*

	%
a. high achievement levels (i.e. in the top third nationally)	
b. middle achievement levels (middle third nationally)	
c. low achievement levels (bottom third nationally)	

37. According to the 2019 NASS results, compared to other students in Bangladesh at this grade level in Bangla, [xx%] of your class children were in the high achievement level, [yy%] were in the middle achievement level, [zz%] were in low achievement level. Are you surprised by this information?

- a. Very surprised
- b. Somewhat surprised
- c. Not surprised

38. To what extent do you think NASS tests covers the syllabus that you are teaching?

- a. High
- b. Moderate
- c. Low

39. What percentage of your students in the grade 6 class do you think are proficient in the following content areas in Bangla? *[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 score in reading as well as vocabulary).]*

	%
a. <u>Reading</u> : Read, comprehend, and express concepts they have read.	
b. <u>Vocabulary</u> : Use new words learnt from the Bangla textbook.	
c. <u>Grammar</u> : Frame questions, use tenses, adjectives, prepositions etc.	

40. How confident are you about your response to the question above?

- a. Very confident – 100% sure
- b. Confident
- c. Somewhat confident
- d. Not confident at all

41. 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 score in reading as well as vocabulary).]*

	%
a. <u>Reading</u> : ‘পরিবেশ দূষণ’ অনুচ্ছেদটির মূল বিষয়বস্তু কী? উত্তর – প্লাস্টিকের ক্ষতিকর দিকের বর্ণনা	
b. <u>Vocabulary</u> : ‘জলজ - এর বিপরীত শব্দ কোনটি? উত্তর - স্থলজ	

c. Grammar: 'ক্ষ' বর্ণটি কোন বর্ণ সমষ্টির যুক্তরূপ? উত্তর – ক্ + ষ	
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42. Can the students below answer the shown Bangla questions correctly? [Ask the teacher to provide his/her best estimation. Choose one option for each student and each question.]

	'জলে ও স্থলে চরে যে' - বাক্যটির এক কথায় প্রকাশ কী? উত্তর – উভচর	'পরিবেশ দূষণ' অনুচ্ছেদটির মূল বিষয়বস্তু কী? উত্তর – প্লাস্টিকের ক্ষতিকর দিকের বর্ণনা
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

43. In the NASS 2019 Bangla test, can you give us an estimate of percentage score for each of the students? The estimate you provide will not be considered correct or wrong, please give us your best approximation. [Ask the teacher to provide his/her best estimation]

	%
a. Student 1	
b. Student 2	
c. Student 3	

44. Which student do you think is deserves most of your attention? Please note that there is no right or wrong answer, we are merely interested in knowing your opinion. [Ask the teacher to provide his/her best estimation, Select only one option]

a. Student 1	
b. Student 2	
c. Student 3	

45. How confident are you about your response to the question above on individual predictions?

- a. Very confident – 100% sure
- b. Confident
- c. Somewhat confident
- d. Not confident at all

PART 9: SURVEY STATUS

46. What is the current status of the survey? [Select one]

- a. Complete
- b. Partially complete, refused consent midway
- c. Partially complete, agreed for call back
- d. Refused full consent
- e. Phone answered by a different person, call again
- f. Incorrect teacher/ wrong number
- g. Incorrect school/subject

47. On which phone number should the teacher be called again?

- a. Same phone number
- b. Enter alternate phone number _____

48. What is the best time for call back?

- a. Anytime
- b. Morning
- c. Around noon
- d. Afternoon
- e. Evening
- f. Late evening