

TEACHER SURVEY (ENDLINE)

Impact Evaluation of Science Education Initiative's Fellowship Program
Abdul Latif Jameel Poverty Action Lab (J-PAL) South Asia

PART 1 – GENERAL INFORMATION

1. Surveyor ID:
2. Date of the survey *[Select the day, month, and year below]*:
3. Zone:
4. School ID:
5. Re-enter school ID:
6. Teacher name: _____
7. Grade taught:
 - a. 5
 - b. 6
8. Section taught:
 - a. Section A
 - b. Section B
9. Teacher category *[Please fill this up based on your tracking sheet]*:
 - a. SEI fellow
 - b. PMC teacher
10. What class does this PMC teacher teach? *[Please fill this up based on your tracking sheet]*
 - a. Treatment class
 - b. Control class
11. Teacher gender:
 - a. Male
 - b. Female
12. Did the teacher consent to participating in the survey?
 - a. Yes
 - b. No

Dear [Teacher_name] ji,

Thank you for participating in our survey of teachers in PMC schools. This survey will take approximately 35 minutes to complete.

Please speak with [Surveyor_name], the J-PAL surveyor assigned to your school, should you have any doubts or concerns with any question in the survey, or any difficulties with the tablet.

Please answer all questions to the best of your knowledge. Note that your responses to this survey will be kept confidential and they will not be shared with the PMC or SEI. For any results that we report, we will only report the average response of all study participants.

Thank you again for your cooperation.

PART 2 – TEACHER CHARACTERISTICS

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

13. Which of the following classes do you teach at this school? [Select all that apply]

- a. Class I
- b. Class II
- c. Class III
- d. Class IV
- e. Class V
- f. Class VI
- g. Class VII
- h. Class VIII
- i. Class IX
- j. Class X
- k. Class XI
- l. Class XII

14. Which of the following subjects do you teach at this school? [Select all that apply]

- a. English
- b. Math
- c. Science
- d. Social studies
- e. Indian languages (e.g. Hindi, Marathi, Urdu, etc.)
- f. Arts
- g. Physical education
- h. Other: _____

15. By the end of this school year, how many years will you have been working as a teacher?

[Round to the nearest whole number]

- a. _____ years

16. By the end of this school year, how many years will you have been working as a teacher at this school? *[Round to the nearest whole number]*
 - a. ____ years
17. a. How many years have you been teaching science in grade *[xx]* in this school?
 - a. ____ years
17. b. How many years have you been teaching math in grade *[xx]* in this school?
 - a. ____ years
18. How old are you?
 - a. _____ years
19. What is your employment status as a teacher at this school?
 - a. Permanent employment (an ongoing contract with no fixed end-point before the age of retirement)
 - b. Fixed term contract for a period of more than 1 school year
 - c. Fixed term contract for a period of 1 school year or less
20. What is the highest level of formal education that you have completed?
 - a. Higher secondary school (grades 11 and 12)
 - b. Diploma/Technical/Vocational degree, please specify the course: _____
 - c. Bachelor's degree, please specify the course: _____
 - d. Master's degree, please specify the course: _____
 - e. Doctorate, please specify the course: _____
21. What is the highest level of formal education that you are currently enrolled in, if any?
 - a. Diploma/Technical/Vocational degree, please specify the course: _____
 - b. Bachelor's degree, please specify the course: _____
 - c. Master's degree, please specify the course: _____
 - d. Doctorate, please specify the course: _____
 - e. Not applicable
22. What is the highest level of teacher training education you have completed?
 - a. D.Ed. (Diploma in Education)
 - b. D.El.Ed. (Diploma in Elementary Education)
 - c. B.Ed. (Bachelors of Education)
 - d. B.El. Ed. (Bachelors of Elementary Education)
 - e. M.Ed. (Masters of Education)
 - f. Other, please specify: _____
 - g. None
23. What is the highest level of teacher training education are you currently enrolled in, if any?
 - a. D.Ed. (Diploma in Education)

- b. D.El.Ed. (Diploma in Elementary Education)
- c. B.Ed. (Bachelors of Education)
- d. B.El. Ed. (Bachelors of Elementary Education)
- e. M.Ed. (Masters of Education)
- f. Other, please specify: _____
- g. None

24. As part of your teacher training education degree, did you specialize in any subject(s)?

- a. Yes, please specify: _____
- b. No

PART 3 – PROFESSIONAL DEVELOPMENT

In this section, we will ask you the areas (if any) in which you would like to receive training or professional development.

In all multiple-choice questions, select only one option unless indicated otherwise.]

25. Based on your experience at this school last year, what areas of professional development would be most helpful to you? *[Select one option per row]*

	No need at all	Low level of need	Moderate level of need	High level of need
a. Using information from student test scores to adapt my teaching				
b. Classroom management (managing and motivating a classroom of students to behave well and focus on studies)				
c. Content knowledge and understanding of math and science				
d. Knowledge and understanding of instructional practices in math and science				
e. Teaching a classroom where students are at different learning levels				
f. Student discipline and behavior problems				

PART 4 – APPRAISAL AND FEEDBACK

In this section, we want to understand how often and from whom teachers receive appraisal and feedback in the different areas of teaching.

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

26. During the past school year (2017-18), how often did you receive appraisal and/or feedback on your work as a teacher in each of the following areas from the following people?

a. Have you received any feedback regarding your students' academic performance:

<i>i. How often?</i>	<i>ii. By whom?</i>
1. Never 2. Once a year 3. At least twice a year 4. Monthly 5. More than once a month	1. Principal 2. Other teachers 3. Members of the School Management Committee (SMC) at your school 4. Block or cluster level officials 5. Other members of the PMC school education board 6. SEI program support staff 7. Other, please specify: _____

b. Have you received any feedback regarding your students' attendance:

<i>i. How often?</i>	<i>ii. By whom?</i>
1. Never 2. Once a year 3. At least twice a year 4. Monthly 5. More than once a month	1. Principal 2. Other teachers 3. Members of the School Management Committee (SMC) at your school 4. Block or cluster level officials 5. Other members of the PMC school education board 6. SEI program support staff 7. Other, please specify: _____

c. Have you received any feedback regarding your attendance and punctuality:

<i>i. How often?</i>	<i>ii. By whom?</i>
1. Never 2. Once a year 3. At least twice a year 4. Monthly 5. More than once a month	1. Principal 2. Other teachers 3. Members of the School Management Committee (SMC) at your school 4. Block or cluster level officials 5. Other members of the PMC school education board 6. SEI program support staff 7. Other, please specify: _____

d. Have you received any feedback regarding the lesson plans you prepared for class:

<i>i. How often?</i>	<i>iii. By whom?</i>
1. Never 2. Once a year 3. At least twice a year 4. Monthly 5. More than once a month	1. Principal 2. Other teachers 3. Members of the School Management Committee (SMC) at your school 4. Block or cluster level officials

	5. Other members of the PMC school education board 6. SEI program support staff 7. Other, please specify: _____
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e. Have you received any feedback regarding your interactions with students in your class

<i>i. How often?</i>	<i>ii. By whom?</i>
1. Never 2. Once a year 3. At least twice a year 4. Monthly 5. More than once a month	1. Principal 2. Other teachers 3. Members of the School Management Committee (SMC) at your school 4. Block or cluster level officials 5. Other members of the PMC school education board 6. SEI program support staff 7. Other, please specify: _____

f. Have you received any feedback based on an unscheduled class observation of your teaching

<i>i. How often?</i>	<i>ii. By whom?</i>
1. Never 2. Once a year 3. At least twice a year 4. Monthly 5. More than once a month	1. Principal 2. Other teachers 3. Members of the School Management Committee (SMC) at your school 4. Block or cluster level officials 5. Other members of the PMC school education board 6. SEI program support staff 7. Other, please specify: _____

27. Has positive appraisal and/or feedback that you have received directly led to any of the following? *[Select all that apply]*

- Financial bonus
- Increased possibility of promotion / a permanent job
- Priority in relocation to a more convenient school
- Public recognition from colleagues
- Token gift of some sort (not monetary gift)
- Day off
- Other, please specify: _____
- None

PART 5 – PRACTICES AND BELIEFS

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

28. To what extent do you agree with the following statements about yourself as a teacher/fellow in this school? *[Select one option per row]*

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
a. There are too many students in your classes					
b. You have too much syllabus to cover in class					
c. You have too many teaching hours					
d. You need more time to prepare for class					
e. You need more time to assist individual students					
f. You have too many administrative tasks					
g. Your school principal gives you the support you need to do your job well					

29. To what extent do you agree with the following statements about yourself as a teacher/fellow in this school? *[Select one option per row]*

	Strongly agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
a. I am capable of motivating students who show low interest in school					
b. I am capable of implementing alternative teaching and classroom management strategies in my classroom (for example, making children do group work, using different learning aids and games)					
c. I am capable of getting students to believe they can do well in school					
d. I am capable of assisting families in helping their children do well in school.					
e. I am capable of providing an alternative explanation or example when students are confused (for example, if students do not understand when I explain a math concept, I can explain it in a different way)					

30. How often do students at this school engage in any of the following? *[Select one option per row]*

	Never	Rarely	Monthly	Weekly	Daily
a. Behavior that disrupts the classroom					
b. Fighting					

31. To what extent do you agree with the following statements? *[Only one option is allowed per row]*

	Strongly agree	Agree	Neither agree, nor disagree	Disagree	Strongly disagree
a. Some people are good at math and others aren't and there's nothing that can be done about it					
b. Boys are better at math and science than girls					

PART 5 – ABOUT THE SEI FELLOWSHIP

32. Based on your experiences and observations, what extent do you agree with the following statements about the SEI fellowship program?

	Strongly agree	Agree	Neither agree, nor disagree	Disagree	Strongly disagree
a. The teaching method is very good					
b. The fellows know the material and are well prepared to teach it to students					
c. The fellows are well prepared to manage a classroom (e.g. maintain order and discipline etc.)					
d. I would want SEI to have the program at this school again					
e. The fellows are untrained and do not belong in the classroom					
f. SEI does not follow the curriculum.					
g. SEI does not provide quality instruction.					
h. I would use the SEI materials if they were provided to me.					

33. Based on your experiences, to what extent do you agree with the following statements about the SEI fellowship program?

	Strongly agree	Agree	Neither agree, nor disagree	Disagree	Strongly disagree
a. The teaching method is very good					
b. I knew the material and was well prepared to teach it to students					
c. I was well prepared to manage a classroom (e.g. maintain order and discipline etc.)					
d. I would want SEI to have the program at this school again					
e. I am not a trained teacher and do not belong in the classroom					
f. SEI does not follow the curriculum					
g. SEI does not provide quality instruction.					
h. I supplemented SEI materials with other materials (e.g. books from PMC teacher, from college, from internet)					

34. How often do you think the [SEI fellow/PMC teacher] at this school engage in any of the following? [Select one option per row]

	Never	Rarely	Monthly	Weekly	Daily
a. Arriving late at school					
b. Absenteeism (i.e., unjustified absences)					
c. Discrimination (e.g., based on gender, ethnicity, religion, or disability, etc.)					
d. Corporal punishment of students					

35. How would you feel about working with your [SEI fellow/PMC teacher] again?

- Very happy with the prospect of working with them again
- Somewhat happy with the prospect of working with them again
- Neither happy nor unhappy with the prospect of working with them again
- Somewhat unhappy with the prospect of working with them again
- Very unhappy with the prospect of working with them again

36. As a teacher in this school, in a typical school week (of six days), approximately how many hours do you spend on the following tasks (e.g. two hours on administrative work)? *[Round to the nearest whole number]*

a. Individual planning or preparation of lessons at school or out of school	_____ hours
b. Grading/correcting of student work	_____ hours
c. General administrative work (including communication, paperwork, and other clerical duties you undertake in your job as a teacher)	_____ hours

37. In a typical week (of six days), approximately how many hours do you manage to spend teaching each of the following subjects? *[This does not include time spent on science by the partner teacher – whether SEI or PMC.]*

- a. Science: _____ hours
- b. Math: _____ hours

38. In a typical week did you teach all the science and math lessons or did the PMC teacher also teach science and math?

- a. I taught all the science and math lessons
- b. PMC teacher also taught some science and math lessons

39. Of all the science and math content covered in a week, what percentage do you think the PMC teacher taught (e.g. 95%)? *[Round to the nearest whole number]*

- a. _____ %

40. In what manner did the PMC teacher also teach science and math lessons?

- a. The PMC teacher supported / taught alongside me during the SEI session slots
- b. The PMC teacher taught separate science/math lessons outside of the SEI session slots (e.g. to complete the PMC syllabus)

41. In a typical week, did you teach all the science and math lessons or did the SEI fellow also teach science and math?

- a. I taught **all or most** of the science and math lessons
- b. SEI fellow taught **all or most of** the science and math lessons
- c. SEI fellow and I taught **an equal number** of science and math lessons

42. Of all the science and math content covered in a week, what percentage do you think the SEI fellow taught (e.g. 95%)? *[Round to the nearest whole number]*

- a. _____ %

43. In a typical week, what did the PMC teacher usually do while you covered the SEI material in class? *[Select all that apply]*

- a. PMC teacher was in class helping manage students / maintaining discipline
 - b. PMC teacher was in class doing other work (e.g. grading, lesson preparation, filling in attendance, other register work, etc.)
 - c. PMC teacher was in class but not doing anything (e.g. reading a newspaper, on their phone)
 - d. PMC teacher was in class and would help me with the lesson (i.e. instructional help) (e.g. give individual help to students, help explain things another way)
 - e. PMC teacher was not in class
 - f. Other, please specify:
44. Approximately how many SEI sessions did you miss this academic year for any reason (e.g. illness, college schedule, etc.)?
- a. _____ sessions
45. Since the SEI fellow would assist in teaching math and science, which of the following did you do over the last year? *[Select all that apply]*
- a. Correct fellow mistakes during class
 - b. Have to spend time disciplining or managing behavior of the students during SEI sessions
 - c. Have to take extra science or math classes to finish the syllabus
 - d. Have to take extra science or math classes because students did not understand the SEI lessons
 - e. Focus on preparing lessons/materials for your subjects other than math and science
 - f. Spend more time on administrative work
 - g. Other, please specify:
46. Why did you sign up to become an SEI fellow?
- a. _____
47. Based on your experience with the SEI program. Do you agree or disagree with this statement:
The SEI program is effective at improving science and math learning.
- a. Strongly disagree
 - b. Disagree
 - c. Neither agree nor disagree
 - d. Agree
 - e. Strongly agree
48. Did you face any challenges or obstacles during your SEI fellowship? *[Select all that apply]*
- a. Relationship/ interactions/ support from teacher(s)
 - b. Relationship/ interactions/ support from school leadership
 - c. School too far - was difficult to reach

- d. Problems with the SEI materials (e.g. SEI materials were not well suited to the classroom)
 - e. Did not receive enough training from SEI
 - f. Students did not respect me
 - g. Financial constraints
 - h. SEI too demanding on my time (e.g., due to college work)
 - i. Other challenges; please specify: _____
 - j. None; no challenges faced
49. If you could go back in time, would you choose to do the SEI fellowship?
- a. Yes
 - b. No
50. Why do you say you would do the SEI fellowship again? *[Open-ended]*
- a. _____
51. Why do you say you would not do the SEI fellowship again? *[Open-ended]*
- a. _____
52. What job do you hope to get when you graduate from college?
- a. _____
53. How interested are you in pursuing a teaching career?
- a. Very interested
 - b. Interested
 - c. Neutral
 - d. Not interested
 - e. Not interested at all
54. Do you expect SEI to offer you a full time job in the future?
- a. Not likely
 - b. Somewhat likely
 - c. Very likely
55. Teacher comments (if any): _____

Thank you for your time and cooperation. \${surveyor_name}, the J-PAL surveyor, will now ask you a few more questions.

You should now proceed to Part B: Asking teachers their students' percentage scores on the math test.

After Part B, please administer the written survey with teachers.
