Teacher Questionnaire

[To be formatted for tablet-based data collection from 9th and 10th grade math and science teachers who are present at school.]

Red font is used to highlight skip codes and instructions to survey firm (New Era) for programming of tablets.

Baseline District: _____
Baseline EMIS No.:_____
Interviewer's code:_____
Name of interviewer:_____
Teacher's name: _____
Date of interview:
Teacher Questionnaire Serial Number: _____

T1. Did this teacher consent to participate in the research and answer this questionnaire?
1=yes
2=no, teacher present but did not give consent
3=no, teacher absent
[If no, stop here.]

Thank you for speaking with me today. Your answers in this interview will help us learn about the challenges and opportunities faced by students, teachers and head teachers in Nepal's secondary schools. Your answers will be kept entirely private. Your answers will be included with answers from many other teachers when writing reports, but your name or answers will never be individually identified.

T2. What is your contact number, please? _____

T3. [*Interviewer: Please note whether this teacher's gender is male, female or other.*]
1=male
2=female
3=other

T4. How old are you? _____ years

T5. Please indicate whether you teach each of the following classes. If your school has more than one section for any of these classes, please also indicate which section you teach. *[Enumerator: If the teacher responds that there is only one section of a class, please enter "1" for section. Teachers may use letters, numbers or names as answer to "which section?"]*

a1. Do you teach any sections of grade 9 compulsory math?
1=yes
2=no
[If no, skip to T5b1.]

a2. For which sections do you teach grade 9 compulsory math? *Please list the names, numbers or letters identifying the sections.*

_____
_____
_____

b1. Do you teach any sections of grade 10 compulsory math?

1=yes
2=no
[If no, skip to T5c1.]

b2. For which sections to you teach grade 10 compulsory math? *Please list the names, numbers or letters identifying the sections.*

_____
_____
_____

c1. Do you teach any sections of grade 9 science?

1=yes
2=no
[If no, skip to T5d1.]

c2. For which sections to you teach grade 9 science? *Please list the names, numbers or letters identifying the sections.*

_____
_____
_____

d1. Do you teach any sections of grade 10 science?

1=yes
2=no
[If no, skip to T6]

d2. For which sections to you teach grade 10 science? Please list the names, numbers or letters identifying the sections.

_____
_____
_____

T6. Please indicate how many sections you teach of each of the following classes. *[Enumerator: If the teacher does not teach any sections of a given class, please enter zero.]*

a. class 8 math _____
b. class 9 optional math _____
c. class 10 optional math _____
d. class 8 science _____
e. Any other class or subject _____

T7. How many years have you been teaching in this and any other school? *If less than one year, please indicate zero.*

_____ years [If 0 or 1 years, skip to T9.]

T8. Which of the following sentences best describes where you were teaching during the academic year 2074 B.S.?

1= I was teaching in this school.
2= I was teaching in another government school.
3= I was teaching in a private school.
4= I was not teaching in any school.
5= Other (specify:_____)

T9. What is the status of your employment?

1=Permanent
2=Temporary with funding from federal government
3= Rahat
4= Hired with other gaupalika/nagarpalika government funding
5= School's fund/Hired locally with other local funding
6= Volunteer
7= Other (Please specify: _____)

T10. How many periods do you teach per week? _____ class periods

T11. Did you live in this community before teaching at the school? 1=yes, 2=no

T12. What is your highest education qualification?

1=PCL/+2
2=Bachelors
3=Masters
4=Above Masters

T13. What types of teaching education (training) have you received? Check all that apply.

10-month government training 1=yes, 2=no
I.Ed./PCL, 1=yes, 2=no
1-yr. B.Ed., 1=yes, 2=no
2-yr. B.Ed, 1=yes, 2=no
3-yr B.Ed., 1=yes, 2=no
M.Ed. 1=yes,2=no
M.Phil. 1=yes, 2=no
Other (specify:_____)

T14. What is the highest level of education you completed with a specialization in math or science?

1 =PCL/+2
2 =Bachelors
3 =Masters
4 =Above Masters
5 =none

T15. Please indicate the frequency with which any of the following happened during the current academic year.

a. A teacher's group gathering (with or without the Head Teacher) to discuss school activities or challenges that happen in the school	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week
b. A teacher's group gathering (with or without the Head Teacher) to learn about a new teaching method or new academic materials	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week
c. Observation of your full class period by Head Teacher	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week
d. Observation of your class for short duration (less than full period) by Head Teacher	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week
e. Informal, verbal feedback from your Head Teacher on your teaching	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week
f. Formal, written feedback from your Head Teacher on your teaching	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week
g. Observation of your class for any length of time by a member of School Management Committee (other than teacher or head teacher)	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week
h. Observation of your class for any length of time by a resource person or school supervisor	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week
i. Observation of your class for any length of time by the Education Unit head of your gaupalika/nagarpalika	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week
j. Observation of your class for any length of time by your Ward Chairperson	1=not at all, 2 = 1-4 times during the year, 3 = once a month, 4 = once a week, 5 = more than once a week

T16. Please indicate the extent to which you agree or disagree with the statements I will read to you. *(Enumerator: Use the cards given to you).*

a. The school has provided more than enough opportunities for me to learn and become a better teacher.	1=fully disagree, 2= disagree, 3= agree, 4 = fully agree
b. The school actively encourages teachers to work as a team/group.	1=fully disagree, 2= disagree, 3= agree, 4 = fully agree (same in the below…)
c. Cooperation and knowledge exchange with other teachers has helped me become a better teacher.	1=strongly disagree, 2= disagree, 3= agree, 4 = strongly agree

d. When teachers work hard, the Head Teacher notices and gives positive feedback.	1=strongly disagree, 2= disagree, 3= agree, 4 = strongly agree
e. When teachers experiment with new teaching methods, the Head Teacher notices and gives positive feedback.	1=strongly disagree, 2= disagree, 3= agree, 4 = strongly agree
f. When teachers work hard, parents notice and give positive feedback.	1=strongly disagree, 2= disagree, 3= agree, 4 = strongly agree
g. When teachers experiment in using new teaching methods, parents notice and give positive feedback.	1=strongly disagree, 2= disagree, 3= agree, 4 = strongly agree
h. I enjoy teaching here	1=strongly disagree, 2= disagree, 3= agree, 4 = strongly agree

T17. For each of the following people I will mention, I would like you to tell me your opinion about how effective he or she is in providing leadership for the school. Please tell me whether you think the person is not at all effective, somewhat effective or very effective as a leader for the school. Your answers to these questions will be kept confidential.

a. How effective is the head teacher in providing leadership for the school?
   1=not at all effective
   2=somewhat effective
   3=very effective
   4=not applicable

b. How effective is the School Management Committee chairperson in providing leadership for the school?
   1=not at all effective
   2= somewhat effective
   3=very effective
   4= not applicable

c. How effective are other members of the School Management Committee for providing leadership for the school?
   1=not at all effective
   2=somewhat effective
   3=very effective
   4= not applicable

d. How effective is the Ward Chairperson for providing leadership for the school?
   1=not at all effective
   2=somewhat effective
   3=very effective
   4= not applicable

e. How effective are officials of the gaupalika/nagarpalika government for providing leadership for the school?

1=not at all effective
2=somewhat effective
3=very effective
4=not applicable

T18. I would like to ask you about how much time is required to prepare for the grade 9 and 10 compulsory math and science classes that you teach.

a. How many grade 9 or 10 compulsory math or science classes do you teach in total? *Please count each section as a separate class.*

_____ *classes of grade 9 or 10 compulsory math or science*

b. Please think about the most recent full week of classes with no holidays. Summing across all the classes you just reported, how many periods of grade 9 or 10 compulsory math or science did you teach during that week?

_____ periods of grade 9 or 10 compulsory math or science in the most recent full week

c. Please think about all the time you spent preparing to teach all these periods of grade 9 or 10 compulsory math or science in the most recent full week of school. Please include any time you spent preparing, whether during other class periods or outside of class time. Approximately how much time in all did you spend preparing to teach these grade 9 or 10 compulsory math or science classes during the most recent full week of school? *[Enumerator: Please fill in hours and minutes. If less than one hour, please enter 0 for hours. If the respondent rounds the response to hours, please fill in zero for minutes.]*

_____ hours _____ minutes

T19. Which of the following do you usually use as your primary guide while conducting a class in grade 9 or 10 math or science?

1= The textbook
2=The teachers' guide
3= A lesson plan that I have prepared and have written down
4= A lesson plan that I have prepared but that I have not written down (it is in my head)
5= Other (Please specify: _____)

T20. How often do you require grade 9 or 10 students to work together in small groups during class time to solve problems together or to explain math or science concepts to one another?

1=Never
2=Less than once per week
3=Once per week
4=Two to three times per week
5=Four or more times per week

T21. How often do you use classroom examples or homework problems involving local information (such prices of foods in local markets, interest rates offered by local bankers, or measurements of local weather conditions) that are intended to connect math or science concepts to daily life in this community?

1=Never
2=Less than once per month
3=Once a month
4=Less than once per week but more than once a month
5=Once per week
6=Two to three times per week
7=Four or more times per week

T22. In your opinion, how important is it to use classroom examples or homework problems involving such local information that connect math or science concepts to everyday life in this community?

1= not at all important
2 = somewhat important
3= very important

T23. Have you ever required students to collect local information for use in class or homework, whether by interviewing family or community members, observing family or community activities, or taking measurements (for example, of weather conditions)?

1=yes
2=no
If no, skip to T25.

T24. How often have you required students to collect such local information for use in class or homework?

1=Less than once per month
2=Once a month
3=Less than once a week but more than one a month
4=Once a week
5=Two to three times a week
6=Four or more times per week

T25. For each of the teacher trainings that I am going to read to you, please tell me whether you have attended this training? In what follows, SSRP indicates the School Sector Reform Program of 2009- 2015 and SSDP indicates the School Sector Development Program of 2016-2023. Did you attend the…

a. SSRP training for teachers of secondary math
    1=yes
    2=no
b. SSRP training for teachers of secondary science
    1=yes
    2=no
c. SSDP training for teachers of secondary math
    1=yes
    2=no
d. SSDP training for teachers of secondary science
    1=yes
    2=no

e. Other government in-service training for secondary math teachers

1=yes
2=no
[If no, skip to f.]
e1. Please tell me the name of this training? _____
e2. Please tell me the length of this training in days? _____days

f. Other government in-service training for secondary science teachers

1=yes
2=no
[If no, skip to g.]
f1. Please tell me the name of this training? _____
f2. Please tell me the length of this training in days? _____days

g. Other **non**-government in-service training for secondary math teachers?

1=yes
2=no
[If no, skip to h.]
g1. Please tell me the name of this training? _____
g2. Please tell me the length of this training in days? _____days

h. Other **non**-government in-service training for secondary science teachers?

1=yes
2=no
[If no, skip to i.]
h1. Please tell me the name of this training? _____
h2. Please tell me the length of this training in days? _____days

i. Any other government or non-government in-service teacher training?

1=yes
2=no
[If no, skip to T26 (if relevant for this teacher according to the directions just before T26).]
Please tell me the name and length in days for up to three of the longest other in-service teacher trainings you have attended?
i1. Name of first training _____
i2. Length of first training in days _____ days
i3. Name of second training _____
i4. Length of second training in days _____
i5. Name of third training _____
i6. Length of third training in days _____days

[New Era: Please program the tablets to ask the questions under T26 only for teachers who reported that they took the SSDP secondary math training (c=1 above) and the questions on T27 only for teachers that attended SSDP secondary science training (d=1 above). Please note that there could be some teachers who took both training. In such instances, questions related to both math and science training should be asked to them.

[For teachers who took SSDP training for secondary math]

T26. I would like to ask you a few questions about the SSDP training for secondary math teachers that you attended recently.

a. In your opinion, how much of the content covered during the SSDP training for secondary math teachers was useful for helping you improve your teaching? Would you say that all, most, some, little or none of the SSDP training content was useful for you in this way?

1=All (90-100 %)
2=Most (60-90%)
3= Some (30-60%)
4= Little (10-30%)
5= None (0-10%)

b. As part of the self-study project work component of the SSDP training, you were asked to prepare 10 lesson plans. Approximately how many hours did it take you to prepare the 10 lesson plans? *[Enumerator: If the respondent says that he/she does not remember, enter 888. If the respondent says that he/she did not prepare the 10 lesson plans, please enter 999.]*

_____ hours

c. Have you had opportunities to use any of these new lesson plans in the classroom with your students?

1=yes
2=no
[If no, skip to e.]

d. In your opinion, did the preparation of these new lesson plans allow you to teach the relevant material more successfully? Teaching more successfully could mean helping more students acquire competence in the relevant material, or helping some students gain deeper or more complete understanding.

1=yes
2=no

e. Another part of the self-study project work involved action research. What was the subject of your action research project? *[Enumerator: If the respondent describes a project, please write a phrase or sentence describing the subject. If the respondent reports that he/she did not complete a project, please write "8". If the respondent cannot remember or does not know, write "9".]*

_____

f. For the final two parts of the project work, you were asked to do two out of four optional projects. Which two of those did you complete? *(Enumerator, please write brief phrases describing any project the respondent describes. If the respondent says that he/she did not complete the project work, please write "8". If respondent say that he/she does not remember or does not know, please enter "9.")*

_____
_____

g. In your opinion, did the SSDP training help you improve your teaching of grade 9 and 10 math?

1=yes
2=no
[If no, skip to i.]

h. What is the most important way in which your teaching has improved as a result of the SSDP training?

_____

i. Were you required to complete the Video Assignment associated with some SSDP training sessions?

1=yes
2=no
[If no, check whether this teacher also completed SSDP training for secondary science. If so, go to T27. If not, thank the respondent and end the interview.]

j. Did you complete the Video Assignment?

1=yes
2=no
[If no, check whether this teacher also completed SSDP training for secondary science. If so, go to T27. If not, thank the respondent and end the interview

k. Have you received feedback on your video assignment?

1=yes
2=no
[If no, check whether this teacher also completed SSDP training for secondary science. If so, go to T27. If not, thank the respondent and end the interview

l. In your opinion, how useful was the feedback you received on the video assignment?

1=not at all useful
2=somewhat useful
3=very useful

Check whether this teacher also completed SSDP training for secondary science. If so, continue to T27. If not, thank the respondent and end the interview.

[For teachers who took SSDP training for secondary science]

T27. I would like to ask you a few questions about the SSDP training for secondary science teachers that you attended recently.

a. In your opinion, how much of the content covered during the SSDP training for secondary science teachers was useful for helping you improve your teaching? Would you say that all, most, some, little or none of the SSDP training content was useful for you in this way?

1=All (90-100 %)
2=Most (60-90%)
3= Some (30-60%)
4= Little (10-30%)
5= None (0-10%)

b. As part of the self-study project work you were asked to complete after returning to your school from the Education Training Center, you were asked to prepare 10 lesson plans. Approximately how many hours did it take you to prepare the 10 lesson plans? *[Enumerator: If the respondent says that he/she does not remember, enter 888. If the respondent says that he/she did not prepare the 10 lesson plans, please enter 999.]*

_____ hours

c. Have you had opportunities to use any of these new lesson plans in the classroom with your students?

1=yes
2=no
[If no, skip to e.]

d. In your opinion, did the preparation of these new lesson plans allow you to teach the relevant material more successfully? Teaching more successfully could mean helping more students acquire competence in the relevant material, or helping some students gain deeper or more complete understanding.

1=yes
2=no

e. Another part of the self-study project work involved action research. What was the subject of your action research project? *[Enumerator: If the respondent describes a project, please write a phrase or sentence describing the subject. If the respondent reports that he/she did not complete a project, please write "8". If the respondent cannot remember or does not know, write "9".]*

_____

f. For the final two parts of the project work, you were asked to do two out of four optional projects. Which two of those did you complete? *(Enumerator, please write brief phrases describing any project the respondent describes. If the respondent says that he/she did not complete the project work, please write "8". If respondent say that he/she does not remember or does not know, please enter "9.")*

_____
_____

g. In your opinion, did the SSDP training help you improve your teaching of 9th or 10th grade science?

1=yes
2=no
[If no, skip to i.]

h. What is the most important way in which your teaching has improved as a result of the SSDP training?

_____

i. Were you required to complete the Video Assignment associated with some SSDP training sessions?

1=yes
2=no
[If no, thank the respondent and end the interview.]

j. Did you complete the Video Assignment?

1=yes
2=no
[If no, thank the respondent and end the interview.]

k. Have you received feedback on your video assignment?

1=yes
2=no
[If no, thank the respondent and end the interview.]

l. In your opinion, how useful was the feedback you received on the video assignment?

1=not at all useful
2=somewhat useful
3=very useful

Thank the respondent and end the interview.