

Class level screening survey

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Applicable to:

1. Treatment schools with household-level interventions (20 students)
2. Treatment schools without household-level interventions (10 main students, 10 replacement students)
3. Control schools (10 main students, 10 replacement students)

Sampling procedure:

- From the enrollment list of school year 2020/21, randomly select 20 students per school that satisfy our selection criteria
- The composition of 20 students is as follows.
- If the school only has an elementary section:
 - 20 grade 4 students
 - Go to grade 5 if you cannot identify 20 grade 4 students
- If the school only has a junior high section:
 - 20 grade 7 students
 - Go to grade 8 if you cannot identify 20 grade 7 students
- If the school has both elementary and junior high sections:
 - 10 grade 4 students
 - 10 grade 7 students
 - Go to grade 5 if you cannot identify 10 grade 4 students
 - Go to grade 8 if you cannot identify 10 grade 7 students
- In each grade, there should be equal numbers of male and female students
 - Enumerators should alternate between male and female students in interviews.

Student selection criteria:

- Note that we want to include students who have high propensities to participate in the 4-H program.
 - The questions in this screening survey are asked to classes not individuals. **The first 20 students** that fulfill our selection criteria will be included in the sample. Responses to the *Class-level screening questions* are recorded on a class level for the **final sample of selected students**.
 - Enumerators will keep a record of the names, grades, age, and classes of the students that end up being selected. However, these data will **NOT** be linked to the answers on the survey.
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Class-level screening questions

Task:

After drawing students from the enrollment list of the school year 2020-21, enumerators will screen students by asking the following questions to classes.

Each question has a yes/no response, and enumerators will ask students who say yes to raise their hands. Students who meet the most criteria, will be selected to take part in the baseline survey, baseline test or will be selected as replacement students.

Enumerators record the number of students of the **final** sample that responded affirmative to the questions below (answers to Q8 are NOT recorded).

The criteria for screening students are:

Inclusion criteria

1. Students must be aged between 12-20.
2. Students must have joined the kuu before 2021
3. If enumerators cannot find enough students satisfying criteria 2, then they will select students who farmed outside school before 2021.
4. Students should have at least one household member who is planting roots and tubers or vegetables. We prioritize students who have both male and female elders who are farming.

Exclusion criteria

5. In addition, sampled students should be from separate households. That is, no siblings should be included in the sample together.

Questions:

Q1a. Who are of age 12-20?

Q2a. Who have farmed outside school?

Q2b. Who farmed outside school before this year (2021)?

Q3a. Who have been part of a Kuu labor group?

Q3b. Who have been part of a Kuu labor group before this year (2021)?

Q4. Does the head of your household grow roots and tuber crops [i.e. cassava, sweet potatoes, yams, etc.] or vegetables?

Q5. Whose head of household is a male?

Q6. Whose head of household is a female?

For students whose head of household is a male: ask Q7a & b

Q7a. Is this head of household your father?

Q7b. Do you have a female member in your household who is older than you and grows roots and tuber crops [i.e. cassava, sweet potatoes, yams, etc.] or vegetables?

For students whose head of household is a female: ask Q7c & d

Q7c. Is this head of household your mother?

Q7d. Do you have a male member in your household who is older than you and grows roots and tuber crops [i.e. cassava, sweet potatoes, yams, etc.] or vegetables?

After gathering enough students, ask to the group:

Q8. Do you have siblings within this group of students?

(If yes, then include only one student from the siblings and re-sample.)

Enumerators write down the names and classes of the final sample of students.

Inviting male and female elders (only in treatment schools with household-level intervention)

Task:

After having selected the final sample of students to be surveyed, enumerators will determine for which students male elders and for which students female elders will be invited for the video sessions. In general, we would like to have equal numbers of male and female elders as much as possible.

Procedure:

1. Gather sampled students in a group outside (while they maintain 2 meters social distance). Ask students who of them lives with both a male and female elder. *Please note that with elder we mean either their parents, or another family member that takes care of the student (e.g. an uncle, grandmother, older sibling).*
2. Ask those that answered yes, if both of those elders are in town or if anyone of them has travelled. Group those that confirm both elders are in town and let them stick together. For those students for whom one elder has travelled, make sure to group them with the male elder or female elder group that will be formed later on, depending on which elder is available.
3. For the remaining students, ask them who lives with just a male elder. Ask them if this elder has travelled or is in town. Group those that answer yes and let them stick together.

4. Confirm with the remaining students that they live with just a female elder. Ask them if this elder has travelled or is in town. Group those that answer yes, and also let them stick together.
5. If there are any students remaining at this point, check with them which household member is currently taking care of them and present in town. Assign them to one of the 3 previously formed groups accordingly.
6. Write down the names of the students that have been selected. Also, note down the students for which either a male elder OR a female elder is available for video sessions. After writing down the names of these students, send them back to their classes.
7. Ask the remaining students to form a line in front of you. This line should not be organized in any way (e.g. line up from small to tall), but it should be *random*. Since we want equal numbers of male and female elders (as much as possible), the number of males and females you will select, will depend on how many male and female elders were selected before. For example, if you have selected 3 female elders and 7 male elders so far, make sure to select 7 female and 3 male elders from the remaining group of students.
8. Select the needed female elders by selecting students in the line from left to right, as many as are needed based on previous numbers. In the previous example, you would invite the female elders for the first 7 students lined from left to right. Write down the student names and the gender of the selected parent. Share the final list on the What's App group of your team, so your team members know which parent to invite when they visit the households of students.