## PSL_Midline_Student_Assessment



|  |  |  | 8 | 5th grade |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 9 | 6th grade |
|  |  |  | 66 | Other, specify |
| student_grade_s (required) | Which grade? <br> Question relevant when: \$\{student_grade\} =-66 |  |  |  |
| stavailability (required) | Is [firstname] available for the test? |  |  | Present / available at school |
|  |  |  |  | Absent / look for student at home |
|  |  |  |  | Student was never in this school |
| availability_home (required) | Is [firstname] available for the test at home? <br> Question relevant when: $\$$ sstavailability\} $=2$ | 1 | Av | Available at home |
|  |  | 2 | Ch | Child died |
|  |  |  |  | Cannot find the student |
|  |  |  |  | Student moved to another village in the SAME county |
|  |  |  |  | Student moved to another village in a DIFFERENT county |
| note_resample | Please ask your Team Leader to give you a replacement student to interview. <br> Swipe forward to finalize this survey. <br> Question relevant when: $\$\{$ resample $\}=1$ and not ( $\$\{$ availability_home\} $=1$ or $\$\{$ stavailability $\}=1$ ) |  |  |  |
| Confirm an adult is available at home to give consent for the kid's interview Group relevant when: \$\{availability_home\} =1 |  |  |  |  |
| note_studentathome | ENUMERATOR: You will need to track the student at his/her home. |  |  |  |
| adult_available (required) | Is there an adult present in the student's house? |  |  | Yes |
|  |  |  |  | No |
| adult_nothome_date (required) | Ask when an adult will be available at home. <br> Question relevant when: $\$\{$ adult_available\} $=0$ |  |  |  |
| adult_nothome_note | Do NOT mark form as finalized. Save the form to be completed later. Question relevant when: \$\{adult_available\} =0 |  |  |  |
| Informed Consent <br> Group relevant when: $\$\{$ stavailability $=1$ or ( $\$\{$ stavailability $\}=2$ and $\$\{$ adult_available\} $=1$ ) |  |  |  |  |
| Informed Consent > Parental Consent <br> Group relevant when: \$\{adult_available\} =1 |  |  |  |  |
| consent_note1 | CONSENT INTRODUCTION <br> Hello my name is [enumname] . I am from an NGO called Innovations for Poverty Action (IPA). We are doing a study to know how strong the Liberian education system is. <br/><br/>Your child was randomly chosen to be part of this study. However, participation is voluntary. If you agree, we will ask your child to complete a short reading and math test. The test will about 1 hour to complete. Your child was tested in September 2016 and we would like to test him/her again now and once again in 2 years to check his/her progress. <br/><br/>We will ask to take his/her picture and for your contact information. This will allow us to contact you to take your child's test again later. Giving these information are voluntary. You can take part without this as well. <br/> <br/>There is no harm in taking part in this study; your child is free to miss any questions at his/her will. <br/> <br/>All information collected will be kept strictly as a secret. Your child's results will never be shared with the school or added to his/her school record. It will be coded and stored on a secured server only accessible to the researchers, who are based in United States of America. <br/><br/><br/>For more information you can contact us on the phone numbers listed in the consent form. <br/><brl>[ENUMERATOR POINT AT THE PHONE NUMBERS.] |  |  |  |
| consent_parent (required) | AGREEMENT TO PARTICIPATE: <br> If I have answered all your questions, do you agree to allow your child to participate in this study? ASK SUBJECT TO STATE YES/NO OUT LOUD<br/><br/>[IF YES, PROCEED TO SURVEY]<br/>[IF NO, THANK RESPONDENT FOR HIS/HER TIME AND DO NOT COLLECT ANY DATAJ | 1 | Ye | Yes |
|  |  | 0 | No | No |
|  |  |  |  |  |
| consent_enum (required) | ENUMERATOR CONFIRMATION OF CONSENT: <br> CONFIRM: Did the parent consent to allowing his/her child to participate in the study? <br> I, [enumname], CONFIRM THAT I HAVE EXPLAINED THE NATURE AND EXTENT OF THE PLANNED RESEARCH, STUDY PROCEDURES, POTENTIAL RISKS AND BENEFITS, AND CONFIDENTIALITY OF PERSONAL INFORMATION, AND THAT THE RESPONDENT HAS GIVEN HIS/HER VERBAL CONSENT FOR HIS/HER CHILD TO PARTICIPATE. <br> Response constrained to: $\$$ \{consent_parent\} $=\$$ consent_enum $\}$ | 1 | Ye | Yes |
|  |  |  |  | No |
|  |  |  |  |  |
| consent_warning1 | This is not allowed. Go back and check if the parent agreed to let the child participate or not. <br> Question relevant when: ( $\$\{$ consent_parent\} $=1$ and $\$\{$ consent_enum\} $=0$ ) or ( $\$\{$ consent_parent\} $=0$ and $\$\{$ consent_enum $\}=1$ ) |  |  |  |
| enum_sig (required) | ENUMERATOR SIGNATURE: |  |  |  |


|  | BY SIGNING HERE, I CONFIRM THAT I HAVE EXPLAINED THE NATURE AND EXTENT OF THE PLANNED RESEARCH, STUDY PROCEDURES, POTENTIAL RISKS AND BENEFITS, AND CONFIDENTIALITY OF PERSONAL INFORMATION, AND THAT THE RESPONDENT HAS GIVEN HIS/HER VERBAL CONSENT FOR HIS/HER CHLID TO PARTICIPATE. <br> Question relevant when: $\$\{$ consent_parent $\}=1$ and $\$\{$ consent_enum $\}=1$ |  |  |
| :---: | :---: | :---: | :---: |
| Informed Consent > child_assent |  |  |  |
| student_assentnote | ENUMERATOR: Collect the student and find a quiet place at his/her school or home to sit <br> Wait for the student to get settled and then read the assent. |  |  |
| assent_note1 | Assent <br> Hello my name is [enumname]. I am from an NGO called Innovations for Poverty Action (IPA). I would like to see if you can read some stories for me and also do some math for me. I will also ask you some questions about your teachers and your family. You are free to choose if you want to participate or not. You can also skip questions if you do not want to answer. This will take not more than 1 hour. <br/> <br/>The teachers and other students in your school will never know how you answer the questions. You answers will not be count towards your performance in your class. <br/><br/>We may return in a few years but you can choose not to take part in any of the follow-up interviews. To help us find you in the future; we will ask to take your picture and for your parent's phone number(s). If you do not want to give us this information and take your picture, that is ok, just let us know. <br/><br/>Tell your teacher or parents, if you are worried or unhappy about anything that happens during this session. <br/><br/>Do you have any questions or concerns about anything that I have said? If yes, please let me know now. |  |  |
| assent_resp (required) | COMFIRMATION OF STUDENT ASSENT <br> May we have your permission to speak with you? | 1 Y | Yes |
|  |  | 0 | No |
| enum_assent (required) | ENUMERATOR CONFIRMATION OF ASSENT: Did the student agree to participate? <br> If the student did NOT agree to participate, STOP the survey. <br> Response constrained to: \$\{enum_assent\} = \$\{assent_resp\} | 1 Y | Yes |
|  |  | 0 | No |
| consent_warning2 | This is not allowed. Go back and check if the respondent agreed to participate or not. <br> Question relevant when: ( $\$\{$ enum_assent $\}=1$ and $\$\{$ assent_resp $\}=0)$ or $(\$\{$ enum_assent $\}=0$ and \$\{assent_resp\} =1) |  |  |
| assent_enum_sig (required) | ENUMERATOR SIGNATURE: <br> BY SIGNING HERE, I CONFIRM THAT I HAVE EXPLAINED THE NATURE AND EXTENT OF THE PLANNED RESEARCH, STUDY PROCEDURES, POTENTIAL RISKS AND BENEFITS, AND CONFIDENTIALITY OF PERSONAL INFORMATION, AND THAT THE RESPONDENT (STUDENT) HAS GIVEN HIS/HER VERBAL CONSENT TO PARTICIPATE. <br> Question relevant when: $\$\{$ assent_resp\} $=1$ and $\$\{$ enum_assent $\}=1$ |  |  |
| Begin Interview <br> Group relevant when: $\$\{$ assent_resp\} $=1$ and $\$\{$ enum_assent $\}=1$ |  |  |  |
| Begin Interview > Observations of Student |  |  |  |
| uniform (required) | Is the student wearing a uniform? | 1 | Yes |
|  |  | 0 | No |
| dirty (required) | Are the student's hands dirty? | 1 | Yes |
|  |  | 0 | No |
| Begin Interview > student_home |  |  |  |
| interviewloc (required) | Where is the interview taking place? |  | Student's school |
|  |  |  | Student's home |
|  |  |  | 6 Other, specify |
| other_interviewloc (required) | Please specify where the interview is taking place Question relevant when: $\$\{$ interviewloc\} $=-66$ |  |  |
| Begin Interview > Student Assessment and Survey |  |  |  |
| Begin Interview > Student Assessment and Survey > general_instruction |  |  |  |
| note_pretest | ENUMERATOR INSTRUCTIONS: <br> It is important to keep the child relaxed throughout the assessment. The assessment should feel more like a game to the student, rather than a formal test. Before starting the assessments, do your best to put the child at ease and encourage the student to enjoy him/herself. Remind the student that none of his/her responses will be shared with anyone. <br/><br/>Wait for the child to get settled. When the student is ready, ask him/her if s/he is ready to get started with some questions/ After you have finished, thank the child for his/her time and effort. |  |  |
| Begin Interview > Student Assessment and Survey > reading_test |  |  |  |
| begin_reading | SAY TO THE CHILD: I am going to start by asking you some English and reading questions |  |  |
| Begin Interview > Student Assessment and Survey > reading_test > Section 1: Object Identification |  |  |  |
| note_object | ENUMERATOR: Show the child the images on page 2 of the student handbook. <br> SAY TO THE CHILD: Here are 2 images. I would like you to tell me the NAMES of these images as you can. <br/>For example, the first image [ENUMERATOR: point to the bird] is a bird. |  |  |
| object_id (required) | Now you try. Please tell me what this image is [ENUMERATOR: point to dog]. ENUMERATOR: Did the child correctly named the example image as [DOG]? | 1 | Yes |
|  |  | 0 | No |
| note_example1 | Good, that image is a dog. <br> Question relevant when: $\$\{$ object_id\} =1 |  |  |
| note_example2 | That image is a dog. <br> Question relevant when: $\$\{$ object_id\} $=0$ |  |  |

SAY TO THE CHILD: Now here are some more pictures. I want you to point to each picture and tell me what is it.
ENUMERATOR INSTRUCTIONS:<br/><br/>This is NOT a timed exercise. <br/><br/>Stay quiet while the child is answering, unless: the child hesitates for 5 seconds $->$ then point to the next image and say "please go on. "Mark the image you provide to the child as incorrect.
Begin Interview > Student Assessment and Survey > reading_test > Section 1: Object Identification > objects_1

| note_objectstart | SAY TO CHILD: Ready? You may begin. <br> ENUMERATOR INSTRUCTIONS: For each of the images, indicate whether or not the child correctly identified the object. |  |  |
| :---: | :---: | :---: | :---: |
| objectid1 (required) | Mouse/Rat <br> Rat or Opposum are acceptable. | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| objectid2 (required) | Chicken/Hen <br> Hen or Rooster are acceptable | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| objectid3 (required) | Apple | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| objectid4 (required) | Table | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| note_scroll | ENUMERATOR: Scroll to next page for second row |  |  |

Begin Interview > Student Assessment and Survey > reading_test > Section 1: Object Identification > Objects 2
Group relevant when: $\$\{$ objectid 1$\}=1$ or $\$\{$ objectid 2$\}=1$ or $\$\{$ objectid 3$\}=1$ or $\$\{$ objectid 4$\}=1$

| note_objects2 | ENUMERATOR INSTRUCTIONS: <br> For each of the objects, indicate whether or not the child correctly identified the object. |  |  |
| :---: | :---: | :---: | :---: |
| objectid5 (required) | Shirt <br> Coat is acceptable | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| objectid6 (required) | Cow <br> Buffalo or Ox are acceptable | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| Begin Interview > Student Assessment and Survey > reading_test > Section 2: Letter Name Identificiaton |  |  |  |
| note_letters1 | ENUMERATOR: Show the child the letters on page 3 of the student handbook. <br> SAY TO CHILD: Here is a page full of letters of the alphabet. Please tell me the NAMES of as many letters as you can - NOT the sounds of the letters, but the names. <br/><br/>For example, the name of this letter is " $C$ ". <br/><br/>[ENUMERATOR: POINT TO "C"] |  |  |
| letterex1 (required) | Now you try. Tell me the name of this letter | 1 | Yes |
|  |  | 0 | No |
|  | [ENUMERATOR: POINT TO A] <br> ENUMERATOR OBSERVATION: Did the child correctly identify the letter as "A"? |  |  |
| note_letterex1 | Good, the name of this letter is " A " <br> Question relevant when: $\$\{l e t t e r e x 1\}=1$ |  |  |
| note_letterex2 | The name of this letter is " A " <br> Question relevant when: $\$\{$ letterex 1$\}=0$ |  |  |
| letterex2 (required) | Now try another. Tell me the name of this letter. | 1 | Yes |
|  |  | 0 | No |
|  | [ENUMERATOR: POINT TO K] <br> OBSERVE: Did the child correctly identify the letter as "K"? |  |  |
| note_letterex3 | Good, the name of this letter is "K" <br> Question relevant when: $\$\{$ letterex 2$\}=1$ |  |  |
| note_letterex4 | The name of this letter is " K " <br> Question relevant when: $\$\{l$ lterex 2$\}=0$ |  |  |

Begin Interview > Student Assessment and Survey > reading_test > Section 2: Letter Name Identificiaton > Letters Test
Group relevant when: not( $\$\{$ letterex1\} $=0$ and $\$\{$ letterex 2$\}=0$ )

| note_letter_identtest | When I say "begin", name the letters as best you can. Do you understand what you are supposed to <br> do? |
| :--- | :--- |
| Start from here [POINT TO THE FIRST LETTER] and read through the lines to the last letter [POINT <br> TO THE LAST LETTER] unless I say stop. |  |



Begin Interview > Student Assessment and Survey > reading_test > Section 4: Familiar Word Identification
Group relevant when: not ( $\$\{l$ letterex 1$\}=0$ and $\$\{l e t t e r e x 2\}=0)$ and not ( $\$\{l$ letter_ident_complete $\}=3$ )

| note_words1 | ENUMERATOR: Show the child the set of words on page 4 of the student handbook. <br> SAY TO THE CHILD: Here is a page full of words. I would like you to READ as many of the words as you can (you do not need to spell them, just read them). |  |  |
| :---: | :---: | :---: | :---: |
| wordsexample1 (required) | For example, can you read the first word? | 1 | Yes |
|  |  | 0 | No |
|  | [ENUMERATOR: POINT TO "MAT"] <br> ENUMERATOR OBSERVATION: Did the child correctly read the word "mat"? |  |  |
| note_wordsex1 | Good, this word is "mat" <br> Question relevant when: \$\{wordsexample1\} =1 |  |  |
| note_wordsex2 | This word is "mat" Question relevant when: \$\{wordsexample 1\} =0 |  |  |
| wordsexample2 (required) | Now try another. Please read this word. | 1 | Yes |
|  |  | 0 | No |
|  | [ENUMERATOR: POINT TO "BOY"] <br> ENUMERATOR OBSERVATION: Did the child correctly read the word "boy"? |  |  |
| note_wordsex3 | Good, this word is "boy" <br> Question relevant when: \$\{wordsexample2\} =1 |  |  |
| note_wordsex4 | This word is "boy" Question relevant when: \$\{wordsexample2\} =0 |  |  |
| Begin Interview > Student Assessment and Survey > reading_test > Section 4: Familiar Word Identification > Words Test Group relevant when: $\operatorname{not}(\$\{$ wordsexample 1$\}=0$ and $\$\{$ wordsexample2 $\}=0$ ) |  |  |  |
| notes_words2 | Do you understand what you are supposed to do? When I say "begin", read the words as best you can. <br> I want you to keep reading. You do not need to wait for me to say go on. I will keep quiet and listen to you, unless you need help. <br> ENUMERATOR INSTRUCTIONS: <br/><br/>Set the timer on 1 minute. <br/><br/>Stay quiet while the child is answering, UNLESS: the child hesitates for 5 seconds $->$ then point to the next word and say "please go on." Mark that word as incorrect. <brl><br/>Pause the stopwatch if the student ends early (you will need this later) <br/><br/>EARL Y STOP RULE: If the child does not give a single correct response on the first line, say "thank you", draw a line through the first row, discontinue this exercise, and check the box "exercise was discontinued" in your tablet. |  |  |
| words_complete (required) | ENUMERATOR OBSERVATION: Did the child complete the exercise? | 1 | Yes - With time remaining |
|  |  | 2 | No - Time expired before child completed the exercise |


|  |  | $3 \begin{aligned} & \text { E } \\ & \text { C } \\ & \text { c } \\ & \\ & \\ & \text { row }\end{aligned}$ | Exercise was discontinued Child did NOT have any correct answers in the first row |
| :---: | :---: | :---: | :---: |
| words_timeremaining (required) | How much time was remaining? (in seconds) <br> Write down the amount of time remaining on your stop watch. <br> Question relevant when: \$\{words_complete\} =1 <br> Response constrained to: .>=0 and .<60 |  |  |
| ```Begin Interview > Student Assessment and Survey > reading_test > Section 4: Familiar Word Identification > Words Test > words_stop Group relevant when: ${words_complete} =2``` |  |  |  |
| note_words_stop | Which line (1-10) and word (1-5) did the child stop at? <br> This should be where you drew the bracket for the last letter attempted. |  |  |
| words_stop1 (required) | Line <br> Response constrained to: .>=1 and .<=10 |  |  |
| words_stop2 (required) | Word <br> Response constrained to: (.>=1 and .<=5) |  |  |
| words_incorrect (required) | How many words did the child INCORRECTLY name? <br> Count up the number of slashes <br> Question relevant when: $\$\{$ words_complete $\}=1$ or $\$\{$ words_complete $\}=2$ <br> Response constrained to: (.>=0 and .<=50) |  |  |
| words_spelling (required) | Did the child spell the words out loud before reading them? | 1 Y | Yes |
|  |  | 0 | No |
| Begin Interview > Student Assessment and Survey > reading_test > Section 4: Sequence |  |  |  |
| note_daysequence1 | ENUMERATOR: Show the child the sentences on page 6 of the student handbook. <br> SAY TO THE CHILD: On this page, there are 2 sentences, each with a blank at the end <br/> <br/>ENUMERATOR: POINT TO BLANK<br/><br/>/ will read each sentence to you. Based on what you hear, I want you to fill in the blank at the end of each sentence. |  |  |
| note_daysequence2 | Do you understand what you are supposed to do? <br> Good, I will begin. <br> ENUMERATOR INSTRUCTIONS: This is NOT a timed exercise. Follow along on your tablet as the child completes the exercise. <br/><br/>Stay quiet while the child is answering, unless: the child hesitates for 5 seconds -> then provide the answer point to the next question and say "please go on." Mark the answer as incorrect. If a child is unable to answer a question, mark it as incorrect and move on. <brl><br/>There is NO early stop rule. Students should complete both sequence questions. |  |  |
| daysequence1 (required) | Ready? | 1 | Correct |
|  |  | 0 | Incorrect |
|  | If today is Wednesday, yesterday was | -88 | Don't Know |
|  | [ENUMERATOR: POINT TO THE BLANK IN LINE 1] <br> ENUMERATOR OBSERVATION: Did the child answer the question correctly?<br/><br/>CORRECT ANSWER = TUESDAY (DO NOT READ OUT) |  |  |
| daysequence2 (required) | If today is Friday, tomorrow will be | 1 | Correct |
|  |  | 0 | Incorrect |
|  | [ENUMERATOR: POINT TO THE BLANK IN LINE 2] <br> ENUMERATOR OBSERVATION: Did the child answer the question correctly?<br/><br/>CORRECT ANSWER = SATURDAY (DO NOT READ OUT) | -88 | Don't Know |
|  |  |  |  |
| Begin Interview > Student Assessment and Survey > reading_test > Section 5: Pronoun and Tenses <br> Group relevant when: $\$\{$ wordsexample1\} or $\$\{$ wordsexample $\}=1$ |  |  |  |
| note_pronoun | ENUMERATOR: Go to page 7 in the student handbook. <br> SAY TO THE CHILD: I will ask you some sentences that are missing a word. <br> You will tell me which of the words I show you will be used to complete that sentence. <br> For example, This is a boy. ' $\qquad$ ' goes to school. <br> Show to the Child the example options on page 7 of the handbook. |  |  |
| noun_ex (required) | What would be the correct word that fits in the sentence? <br> ENUMERATOR SAY TO THE CHILD: He, She, It<br/>Mark 'correct' if the child is able to get the answer right. <br> Correct Answer: he | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| note_pronoun_ex1 | Thank you, 'He' is the right answer. <br> Question relevant when: $\$\{$ noun_ex\} =1 |  |  |
| note_pronoun_ex2 | The correct answer is 'He' <br> Question relevant when: $\$\left\{n o u n \_e x\right\}=0$ |  |  |
| Begin Interview > Student Assessment and Survey > reading_test > Section 5: Pronoun and Tenses > Pronoun Exercise |  |  |  |
| pronoun1 (required) | My sister is very tall. $\qquad$ is my friend. <br> ENUMERATOR SAY TO THE CHILD: He, She, It<br/>Mark 'correct' if the child is able to get the answer right. <br> Correct Answer: She | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| pronoun2 (required) | I have a football.___is on the ground. | 1 | Correct |




| note_numrelation1 | SAY TO THE CHILD: I want you to return to me the number of beans I ask you from the pile in your hand. <br> Hand the child 15 beans. |  |  |
| :---: | :---: | :---: | :---: |
| numrelationexample (required) | Let's start with an example [ENUMERATOR: point to the beans in the child's hand]. <br> Can you give me 3 beans from your hand? <br> [ENUMERATOR: POINT TO THE BEANS in Child's hand]<br/>Did the child correctly hand you 3 beans? | 1 | Yes |
|  |  | 0 | No |
| note_numrelationex1 | Good, thank you. <br> Question relevant when: \$\{numrelationexample\} =1 |  |  |
| note_numrelationex2 | These are three beans. <br> [ENUMERATOR: Count slowly and demonstrate to the child] <br> Question relevant when: $\$\{$ numrelationexample\} $=0$ |  |  |
| note_numrelation2 | ASK CHILD: Do you understand what you are supposed to do? <br> This is NOT a timed exercise.<br/><br/>Stay quiet while the child is answering, unless: the child hesitates for 5 seconds -> then give the answer, point to the next image and say "please go on." Mark the answer you provide to the child as incorrect. |  |  |
| numrelation1 (required) | Ready? | 1 | Yes |
|  |  | 0 | No |
|  | Can you give me 5 beans from your hand? |  |  |
|  | [ENUMERATOR: POINT TO THE HAND WITH THE BEANS] <br> ENUMERATOR OBSERVATION: Did the child do this correctly?<br/><br/>CORRECT ANSWER $=5$ (FIVE) <br/><br/>Return the beans to the child before the next question |  |  |
| numrelation2 (required) | Can you give me 8 beans from your hand? <br> [ENUMERATOR: POINT TO THE HAND WITH THE BEANS] <br> ENUMERATOR OBSERVATION: Did the child do this correctly ? <br/><br/>CORRECT ANSWER $=8$ (EIGHT) <br> <br/><br/>Return the beans to the child before the next question | 1 | Yes |
|  |  | 0 | No |
|  |  |  |  |
| numrelation3 (required) | Can you give me 13 beans in my hand? | 1 | Yes |
|  |  | 0 | No |
|  | [ENUMERATOR: POINT TO THE HAND WITH THE BEANS] <br> ENUMERATOR OBSERVATION: Did the child do this correctly?<br/><br/>CORRECT ANSWER $=13$ (THIRTEEN) |  |  |
| Begin Interview > Student Assessment and Survey > Math Test > Section 2: Number Identification |  |  |  |
| note_number1 | ENUMERATOR: Show the child the numbers on page 1 of the student handbook SAY TO THE CHILD: Here is a page full of numbers. I want you to point to each number and tell me what number it is. |  |  |
| numberexample1 (required) | For example, what number is this? | 1 | Yes |
|  |  | 0 | No |
|  | [ENUMERATOR: POINT TO 2] |  |  |
| note_numberex1 | Good, that number is two. <br> Question relevant when: $\$\{n u m b e r e x a m p l e 1\}=1$ |  |  |
| note_numberex2 | That number is two. <br> Question relevant when: $\$\{$ numberexample 1\} $=0$ |  |  |
| numberexample2 (required) | Let's do another. Tell me what number this is. | 1 | Yes |
|  |  | 0 | No |
|  | [ENUMERATOR: POINT TO 17]. <br> ENUMERATOR OBSERVATION: Did the child correctly identify the number as "seventeen"? |  |  |
| note_numberex 3 | Good, that number is seventeen. <br> Question relevant when: $\$\{n u m b e r e x a m p l e 2\}=1$ |  |  |
| note_numberex4 | That number is seventeen. <br> Question relevant when: $\$\{n u m b e r e x a m p l e 2\}=0$ |  |  |

Begin Interview > Student Assessment and Survey > Math Test > Section 2: Number Identification > numbers_test Group relevant when: $\$\{$ numberexample 1$\}=1$ or $\$\{$ numberexample2 $\}=1$
note_number2 When I say "begin", name the numbers as best you can. Do you understand what you are supposed to
do? I will tell you when to begin and when to stop.
ENUMERATOR INSTRUCTIONS: <br/><br/>Set the timer on 1 minute. <br/><br/>Stay quiet while the child is answering, UNLESS: the child hesitates for 5 seconds $->$ then provide the name of the number, point to the next number and say "please go on." Mark the number you provide to the child as incorrect.<br/><br/>Pause the stopwatch if the student ends early (you will need this later)<br/><br/>EARLY STOP RULE: If the child does not give a single correct response on the FIRST LINE, say "thank you", draw a line through the first row, discontinue this exercise, and check the box "exercise was discontinued" in your tablet.
ENUMERATOR OBSERVATION: Did the child complete the exercise?

Yes - With time remaining
No - Time expired before child completed the exercise

3 Exercise was discontinued -
Child did NOT have any


|  | correctly? (CORRECT ANSWER IS 232). |  | Don't Know |
| :---: | :---: | :---: | :---: |
| Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions |  |  |  |
| Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 4: Addition <br> Group relevant when: $\$\{$ numberexample 1\} $=1$ or $\$\{$ numberexample2\} $=1$ or $\$\{$ numdiscrimexample 1$\}=1$ or $\$\{$ numdiscrimexample 2$\}=1$ |  |  |  |
| note_addition1 | ENUMERATOR: Show the child the example addition problems on page 5 of the student handbook SAY TO THE CHILD: Here are some addition problems. I want you to try to answer as many of these problems as you can. |  |  |
| additionexample1 (required) | Let's start with an example. Can you tell me what $1+5$ (one plus five) equals? <br> ENUMERATOR OBSERVATION: Did the child correctly answer the addition problem?<br/><br/>CORRECT ANSWER $=6$ | 1 | Yes |
|  |  | 0 | No |
| note_additionex 1 | Good, $1+5$ = six <br> Question relevant when: $\$$ \{additionexample 1$\}=1$ |  |  |
| note_additionex2 | $1+5=\operatorname{six}$ <br> Question relevant when: $\$\{$ additionexample1\} $=0$ |  |  |
| additionexample2 (required) | Let's try another. Can you tell me what $3+6$ (three plus six) equals? <br> ENUMERATOR OBSERVATION: Did the child correctly answer the addition problem?<br/><br/>CORRECT ANSWER = 9 | 1 | Yes |
|  |  | 0 | No |
| note_additionex3 | Good, $3+6=$ nine <br> Question relevant when: \$\{additionexample2\} =1 |  |  |
| note_additionex4 | $3+6=\text { nine }$ <br> Question relevant when: $\$$ \{additionexample2\} $=0$ |  |  |
| $\begin{aligned} & \text { Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 4: Addition > Addition Test } \\ & \text { Group relevant when: } \$ \text { \{additionexample } 1\}=1 \text { or } \$ \text { \{additionexample } 2\}=1 \end{aligned}$ |  |  |  |
| note_addition3 | Do you understand what you are supposed to do? When I say "begin", I want you to answer the problems as best as you can. I will tell you when to stop. <br> ENUMERATOR: TURN TO PAGE 6 AND POINT TO FIRST ADDITION PROBLEM <br> ENUMERATOR INSTRUCTIONS:<br/><br/>Set the timer on 1 minute. <br/><br/>Stay quiet while the child is answering, UNLESS: the child hesitates for 5 seconds $->$ then point to the next problem and say "please go on." Mark the answer as incorrect.<br/><br/>Pause the stopwatch if the student ends early (you will need this later)<br/><br/>EARL Y STOP RULE: If the child incorrectly answers five problems in a row, say "thank you" and mark the problem (and any remaining problems) as "Not Applicable - Early Stop / Time Expired" |  |  |
| Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 4: Addition > Addition Test > Addition Questions |  |  |  |
| addition_q1 (required) | $4+2=$ <br> Did the child answer the question correctly? $($ ANSWER $=6)$ | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | . | Not Applicable - Time Expired |
| addition_q2 (required) | $0+3=$ <br> Did the child answer the question correctly? (ANSWER = 3) <br> Question relevant when: \$\{addition_q1\} !='.' | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  |  | Not Applicable - Time Expired |
| addition_q3 (required) | $12+6=$ <br> Did the child answer the question correctly? (ANSWER = 18) <br> Question relevant when: \$\{addition_q2\} !='.' and \$\{addition_q1\} !='.' | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | . | Not Applicable - Time Expired |
| addition_q4 (required) | $7+11=$ <br> Did the child answer the question correctly? (ANSWER = 18) <br> Question relevant when: \$\{addition_q3\} !='.' and \$\{addition_q2\} !='.' and \$\{addition_q1\} !='.' | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | . | Not Applicable - Time Expired |
| addition_q5 (required) | $12+9=$ <br> Did the child answer the question correctly? (ANSWER = 21) <br> Question relevant when: \$\{addition_q4\} !='.' and \$\{addition_q3\} !='.' and \$\{addition_q2\} !='.' and \$\{addition_q1\} !='.' | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | . | Not Applicable - Time Expired |
| addition_level1_complete (required) | ENUMERATOR OBSERVATION: Did the child complete the exercise? <br> Question relevant when: \$\{addition_q5\} !='.' and \$\{addition_q4\} !='.' and \$\{addition_q3\} !='.' and \$\{addition_q2\} !='.' and \$\{addition_q1\} !='.' | 1 | Yes - With time remaining |
|  |  | 2 | No - Time expired before child answered all problems |
| addition_level1_timeremaining (required) | How much time was remaining? (in seconds) <br> Write down the amount of time remaining on your stop watch. <br> Question relevant when: $\$\{$ addition_level1_complete\} $=1$ <br> Response constrained to: (.>=0 and .<50) |  |  |
| addition_level1_counting (required) | ENUMERATOR OBSERVATION: Did the child use his/her hands to count during the exercise? | 1 | Yes |
|  |  | 0 | No |
| ```Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 4: Addition > Addition Test > Addition - Level 2 Group relevant when: ${addition_correct} >3``` |  |  |  |
| note_addition4 | ENUMERATOR: Turn to the next set of addition problems on page 7 of the student handbook SAY TO THE CHILD: Here are some more addition problems. Again, I want you to try to answer as many of these problems as you can. You can use this pencil and paper to help you [GIVE STUDENT PENCIL AND |  |  |





|  |  |  | Not Applicable - Time Expired |
| :---: | :---: | :---: | :---: |
| multiplication_level2_complete (required) | ENUMERATOR OBSERVATION: Did the child complete the exercise? | 1 | Yes - With time remaining |
|  | Question relevant when: $\$\{$ multiplication_q8\} !='.' and \$\{multiplication_q7\} !='.' and \$\{multiplication_q6\} !='.' |  | No - Time expired before child answered all problems |
| multiplication_level2_timeremaining (required) | How much time was remaining? (in seconds) <br> Write down the amount of time remaining on your stop watch. <br> Question relevant when: \$\{multiplication_level2_complete\} =1 <br> Response constrained to: (.>=0 and . < 50) |  |  |
| more_multiplication (required) | What number goes in the box to make this number sequence true? $4 x_{工}=28$ <br> [ENUMERATOR]: SHOW CHILD THE QUESTION ON PAGE \# OF THE HANDBOOK. Did the child get the right answer?<br/>[Correct answer: 7] | 1 | Yes |
|  |  | 0 | No |
|  |  |  |  |
| ```Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 7: Division Level 1 Group relevant when: ${multiplicationexample1} =1 or ${multiplicationexample2} =1``` |  |  |  |
| start_division1 | ENUMERATOR: Show the child the division problems on page 14 of the student handbook. SAY TO THE CHILD: Here are some division problems. I want you to try to answer as many of these problems as you can. |  |  |
| divisionexample1 (required) | Let's start with an example. Can you tell me what $2 \div 2$ [two divided by two] equals? <br> ENUMERATOR OBSERVATION: Did the child correctly answer the division problem?<br/><br/>CORRECT ANSWER = 1 | 1 | Yes |
|  |  | 0 | No |
| note_divisionex1 | Good, $2 \div 2=$ one <br> Question relevant when: \$\{divisionexample 1\} =1 |  |  |
| note_divisionex2 | $2 \div 2=\text { one }$ <br> Question relevant when: $\$\{$ divisionexample1\} $=0$ |  |  |
| divisionexample2 (required) | Let's try another. Can you tell me what $3 \div 1$ [three dividied by one] equals? <br> ENUMERATOR OBSERVATION: Did the child correctly answer the division problem?<br/><br/>CORRECT ANSWER $=3$ | 1 | Yes |
|  |  | 0 | No |
| note_divisionex3 | Good, $3 \div 1=$ three <br> Question relevant when: \$\{divisionexample2\} =1 |  |  |
| note_divisionex4 | $3 \div 1=\text { three }$ <br> Question relevant when: $\$\{$ divisionexample2\} $=0$ |  |  |
| Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 7: Division Level $1>$ Division Test Group relevant when: $\$\{d i v i s i o n e x a m p l e 1\}=1$ or $\$\{d i v i s i o n e x a m p l e 2\}=1$ |  |  |  |
| note_division2 | Do you understand what you are supposed to do? When I say "begin", I want you to answer the problems as best as you can. I will tell you when to stop. <br> ENUMERATOR: TURN TO PAGE 15 AND POINT TO FIRST DIVISION PROBLEM <br> ENUMERATOR INSTRUCTIONS: <br/><br/>Set the timer on 1 minute. <br/><br/>Stay quiet while the child is answering, UNLESS: the child hesitates for 5 seconds -> point to the next problem and say "please go on." Mark as incorrect.<br/><br/>Pause the stopwatch if the student ends early (you will need this later) |  |  |
| Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 7: Division Level 1 > Division Test > Division Questions - Level 1 |  |  |  |
| division_q1 (required) | $2 \div 1=$ <br> Did the child answer the question correctly? $($ ANSWER $=2)$ | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  |  | Not Applicable - Time Expired |
| division_q2 (required) | $6 \div 3=$ <br> Did the child answer the question correctly? (ANSWER = 2) Question relevant when: \$\{division_q1\} !=.' ' | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  |  | Not Applicable - Time Expired |
| division_q3 (required) | $9 \div 3=$ <br> Did the child answer the question correctly? (ANSWER = 3) <br> Question relevant when: \$\{division_q2\} !='.' and \$\{division_q1\} !='.' | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  |  | Not Applicable - Time Expired |
| division_q4 (required) | $8 \div 2=$ <br> Did the child answer the question correctly? (ANSWER = 4) <br> Question relevant when: \$\{division_q3\} !='.' and \$\{division_q2\} !='.' and \$\{division_q1\} !='.' | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  |  | Not Applicable - Time Expired |
| division_q5 (required) | $10 \div 5=$ <br> Did the child answer the question correctly? (ANSWER = 2) <br> Question relevant when: \$\{division_q4\} !='.' and \$\{division_q3\} !='.' and \$\{division_q2\} !='.' and \$\{division_q1\}!='.' | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  |  | Not Applicable - Time Expired |
| division_level1_complete (required) | ENUMERATOR OBSERVATION: Did the child complete the exercise? <br> Question relevant when: \$\{division_q5\} !='.' and \$\{division_q4\} !='.' and \$\{division_q3\} !='.' and \$\{division_q2\} !='.' and \$\{division_q1\} !='.' | 1 | Yes - With time remaining |
|  |  |  | No - Time expired before child answered all problems |
| division_level1_timeremaining (required) | How much time was remaining? (in seconds) <br> Write down the amount of time remaining on your stop watch. <br> Question relevant when: \$\{division_level1_complete\} =1 |  |  |

Now I am going to show you some more difficult division problems. This time, you can use a pencil and paper if you need it.

Again, I want you to answer as many questions as you can. I will tell you when to start and stop.

ENUMERATOR: TURN TO PAGE 16 AND POINT TO FIRST MULTIPLICATION PROBLEM ENUMERATOR INSTRUCTIONS: <br/><br/>Set the timer on 1 minute. Provide Pencil and Paper to the child if required.<br><br/>Stay quiet while the child is answering, UNLESS: the child hesitates for 5 seconds -> then point to the next problem and say "please go on." Mark the answer as incorrect.<br/><br>PPause the stopwatch if the student ends early (you will need this later)
Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 7: Division Level 1 > Division Test > Division - Level 2 > Division Questions - Level 2
division_q6 (required)

## $14 \div 7=$

Did the child answer the question correctly? (ANSWER =2)
division_q7 (required)
division_q8 (required)
division_level2_complete (required)
division_level2_timeremaining (required)
$20 \div 2=$
Did the child answer the question correctly? $($ ANSWER $=10)$
Question relevant when: \$\{division_q6\} !='.'
$44 \div 11=$
Did the child answer the question correctly? (ANSWER = 4)
Question relevant when: \$\{division_q7\} !=.' ' and \$\{division_q6\} !='.'
ENUMERATOR OBSERVATION: Did the child complete the exercise?
Question relevant when: $\$\{$ division_q8\} !='.' and \$\{division_q7\} !='.' and \$\{division_q6\} !='.'

How much time was remaining? (in seconds)
Write down the amount of time remaining on your stop watch.
Question relevant when: $\$\{$ division_level2_complete $\}=1$
Response constrained to: (.>=0 and .<50)

1 Correct
0 Incorrect Not Applicable - Time Expired

1 Correct
0 Incorrect
Not Applicable - Time Expired
1 Correct
0 Incorrect
Not Applicable - Time Expired
1 Yes - With time remaining
2 No - Time expired before child answered all problems

Group relevant when: $\$\{$ additionexample1\} $=1$ or $\$\{$ additionexample2\} $=1$ or $\$\{$ subtractionexample 1$\}=1$ or $\$\{$ subtractionexample2\} $=1$
Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 10: Word Problems > Word Problems - Level 1
note_wordprob1
This is a listening exercise. I have some problems that I am going to ask you to solve for me.

Here are some things to help you [GIVE THE STUDENT BEANS FOR COUNTING, A PENCIL AND PAPER]. You can use them if you need them, but you don't have to.

Listen very carefully to each problem. If you need, I will repeat the problem - just ask.
Do you understand what you are supposed to do?
ENUMERATOR INSTRUCTIONS: This is NOT a timed exercise. Read the word problems slowly. <br/><br/>If child has been trying to answer a question for 60 seconds (using the counter) and does not have an answer, stop the child and continue to the next question. Mark the question as incorrect.<br/><br/>There is NO early stop rule for this exercise.
Marie has 8 pencils. She gives 2 pencils to her sister. How many pencils does Marie have now? ENUMERATOR OBSERVATION: Did the child correctly answer the question?<br/><br/>CORRECT ANSWER $=6$

There are 3 boys on a bus. There are 4 girls on the same bus. How many children are there on the bus altogether?
ENUMERATOR OBSERVATION: Did the child correctly answer the question?<br/><br/>CORRECT ANSWER $=7$

1 Correct
0 Incorrect
-88 Don't Know
1 Correct
0 Incorrect
-88 Don't Know

Begin Interview > Student Assessment and Survey > Math Test > Harder Math Questions > Section 10: Word Problems > Word Problems - Level 2 Group relevant when: $\$\{$ wordprob1\} $=1$ or $\$\{$ wordprob2\} $=1$
wordprob3 (required)

There are 2 children in the blue bus. There are 8 children in the green bus. How many children must join the blue bus so that it has the same number of children as the green bus?
ENUMERATOR OBSERVATION: Did the child correctly answer the question?<br><<br/>CORRECT ANSWER $=6$
Musah has 5 oranges in his hand. He gives 2 of the oranges to Yamah. Then he eats 1 of the oranges. How many oranges does Musah have left?
ENUMERATOR OBSERVATION: Did the child correctly answer the question?<br/><br/>CORRECT ANSWER $=2$
There are 4 desks in a classroom. 2 students are sitting at each desk. How many students in total are in the class?
ENUMERATOR OBSERVATION: Did the child correctly answer the question?<br/><br/>CORRECT ANSWER $=8$

|  | Question relevant when: \$\{multiplicationexample 1\} = 1 or \$\{multiplicationexample2\} = 1 |  |  |
| :---: | :---: | :---: | :---: |
| note_wordprob6 | Sam has ingredients for a dish: 4 EGGS, 8 FLOUR CUPS and HALF A CUP OF MILK.The above ingredients are used to make a dish for 6 people. The number of eggs he needs for 3 people is 2 . Enumerator: READ ALOUD THE PROBLEM SLOWLY SO THAT THE CHILD IS ABLE TO UNDERSTAND AND TAKE NOTES. <br> Question relevant when: ( \$\{divisionexample1\} =1 or \$\{divisionexample2\} =1) and (\$\{wordprob3\} $=1$ or $\$\{w o r d p r o b 4\}=1$ or $\$\{w o r d p r o b 5\}=1$ ) |  |  |
| wordprob6_a (required) | How much flour would Sam need to make the same dish for 3 people? <br> ENUMERATOR OBSERVATION: Did the child correctly answer the question?<br/><br/>CORRECT ANSWER $=4$ cups of flour <br> Question relevant when: \$\{divisionexample1\} =1 or \$\{divisionexample2\} =1 | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| wordprob6_b (required) | How many cups of milk will Sam need to make the same dish for 3 people? <br> ENUMERATOR OBSERVATION: Did the child correctly answer the question?<br/><br/>CORRECT ANSWER = 1/4th cup of milk <br> Question relevant when: \$\{divisionexample1\} =1 or \$\{divisionexample2\} =1 | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| ```Begin Interview > Student Assessment and Survey > Math Test > Dictation Section Group relevant when: ${letterex1} =1 or ${letterex2} =1 or ${wordsexample1} =1 or ${wordsexample2} =1 or ${numberexample 1} =1 or ${numberexample2} =1``` |  |  |  |
| Begin Interview > Student Assessment and Survey > Math Test > Dictation Section > Dictation Examples |  |  |  |
| note_dicsec | Letter Dictation Example <br> SAY TO THE CHILD: Now I will say the name of the letter and you will need to write that on the paper. Please write the LETTERS of as many as you can. <br> Question relevant when: $\$\{l$ letterex1\} $=1$ or $\$\{$ letterex2\} $=1$ |  |  |
| note_dicsec1 | For example, B [ENUMERATOR show the student how to write " B " or "b". Question relevant when: \$\{letterex1\} =1 or \$\{letterex2\} =1 |  |  |
| letterdic_example (required) | Now you try. Can you write the letter 'A'? <br> ENUMERATOR OBSERVATION: Did the child correctly write the letter as " $A$ " or "a"? <br> Question relevant when: $\$\{l e t t e r e x 1\}=1$ or $\$\{l e t t e r e x 2\}=1$ | 1 | Yes |
|  |  | 0 | No |
| note_letterdic 1 | Good, this is correct. <br> Question relevant when: \$\{letterdic_example\} =1 and ( \$\{letterex1\} =1 or \$\{letterex2\} =1) |  |  |
| note_letterdic2 | The letter " A " <br> ENUMERATOR: Show child how to write letter " $A$ '. <br> Question relevant when: \$\{letterdic_example\} =0 and ( \$\{letterex1\} =1 or \$\{letterex2\} =1) |  |  |
| note_dicsec2 | Word Dictation Example <br> SAY TO THE CHILD: Now I will say some words and you will need to write that on the paper. Please write the SPELLING of as many as you can. <br> Question relevant when: ( $\$$ \{wordsexample 1\} $=1$ or $\$\{$ wordsexample2\} $=1$ ) and <br> \$\{letterdic_example\} $=1$ |  |  |
| note_dicsec3 | For example, BAG. [ENUMERATOR show the student how to write "Bag".] <br> Question relevant when: ( $\$\{$ wordsexample1\} $=1$ or $\$\{$ wordsexample2\} $=1$ ) and \$\{letterdic_example\} $=1$ |  |  |
| worddic_example (required) | Now you try. Can you write the word 'CAT'? <br> ENUMERATOR OBSERVATION: Did the child correctly write the word as "cat" or "Cat"? <br> Question relevant when: ( $\$$ \{wordsexample 1\} $=1$ or $\$\{$ wordsexample2\} $=1$ ) and \$\{letterdic_example\} $=1$ | 1 | Yes |
|  |  | 0 | No |
|  |  |  |  |
| note_worddic 1 | Good, this is correct. <br> Question relevant when: \$\{worddic_example\} =1 and(( \$\{wordsexample1\} =1 or $\$\{w o r d s e x a m p l e 2\}=1)$ and $\left.\$\left\{l e t t e r d i c \_e x a m p l e\right\}=1\right)$ |  |  |
| note_worddic2 | The spelling is "Cat" or "cat" or "CAT". <br> ENUMERATOR: Show the child how to write the word Cat. <br> Question relevant when: \$\{worddic_example\} =0 and(( \$\{wordsexample1\} =1 or \$\{wordsexample2\} =1) and $\$\{l$ etterdic_example $\}=1$ ) |  |  |
| note_numberdic | Number Dictation Example <br> SAY TO THE CHILD: Now I will say the names of the number and you will need to write that on the paper. <br/>Please write the NUMBERS of as many as you can. <br> Question relevant when: $\$\{$ numberexample1\} $=1$ or $\$\{$ numberexample2 $\}=1$ |  |  |
| note_dicsec4 | For example, TWO. [ENUMERATOR show the student how to write the NUMBER '2']. Question relevant when: $\$\{n u m b e r e x a m p l e 1\}=1$ or $\$\{n u m b e r e x a m p l e 2\}=1$ |  |  |
| numberdic_example (required) | Now you try. Can you write the number 1 ? <br> ENUMERATOR: Did the child correctly write the number as "1"? <br> Question relevant when: $\$\{n u m b e r e x a m p l e 1\}=1$ or $\$\{n u m b e r e x a m p l e 2\}=1$ | 1 | Yes |
|  |  | 0 | No |
| note_numberdic 1 | Good, this is correct. <br> Question relevant when: \$\{numberdic_example\} $=1$ and $(\$\{n u m b e r e x a m p l e 1\}=1$ or \$\{numberexample2\} =1) |  |  |
| note_numberdic2 | The number "1". <br> ENUMERATOR: Show the child how to write the number " 1 ". <br> Question relevant when: \$\{numberdic_example\} $=0$ and $(\$\{n u m b e r e x a m p l e 1\}=1$ or $\$\{$ numberexample2 $\}=1$ ) |  |  |

Begin Interview > Student Assessment and Survey > Math Test > Dictation Section > Section A: Letter Dictation Group relevant when: \$\{letterdic_example\} =1

| note_letters_dict | There is NO accompanying student sheet in the student handbook for this exercise. SAY TO THE CHILD: Now I will say the names of the letter and you will need to write that on the paper. <br/>Please write the LETTERS of as many as you can. |  |  |
| :---: | :---: | :---: | :---: |
| note_letters_dicttest | When I say "begin", start writing the letters as best you can. Do you understand what you are supposed to do? <br> I will say the name of the LETTER and you continue writing. If you DO NOT know then leave it and go to next. <br> ENUMERATOR INSTRUCTIONS:<br/>Stay quiet while the child is answering, UNLESS: the child hesitates for 5 seconds, then say "tt's Okay try the next one". Mark the letter you say to the child as incorrect. |  |  |
| note_letters_dict3 | SAY TO THE CHILD: Ready? You may begin. <br> ENUMERATOR gives the note pad and pencil to the student |  |  |
| letters_dicttest1 (required) | Ready? [ENUMERATOR says: E]: <br> ENUMERATOR OBSERVATION: Did the child answer the question correctly?<br/>Correct answer $=E$ or e | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| letters_dicttest2 (required) | [ENUMERATOR says: H]: <br> ENUMERATOR OBSERVATION: Did the child answer the question correctly? <brl>Correct answer $=\mathrm{H}$ or $h$ | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| letters_dicttest3 (required) | [ENUMERATOR says: W]: <br> ENUMERATOR OBSERVATION: Did the child answer the question correctly?<br/>Correct answer $=$ W or $w$ | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |

Begin Interview > Student Assessment and Survey > Math Test > Dictation Section > Section B: Word Dictation
Group relevant when: $\$\{$ worddic_example $\}=1$

| worddict_note | There is NO accompanying student sheet in the student handbook for this exercise. <br> SAY TO THE CHILD: Now I will say some words and you will need to write that on the paper. <br/>Please write the SPELLING of as many as you can. |  |  |
| :---: | :---: | :---: | :---: |
| word_dict_test_note | When I say "begin", start writing the words as best you can. <br> Do you understand what you are supposed to do? <br> I will say the word and you continue writing the SPELLING. If you DO NOT know then leave it and go to next. <br> ENUMERATOR INSTRUCTIONS:<br/>Stay quiet while the child is answering, UNLESS: the child hesitates for 5 seconds then say "It's Okay try the next one". Mark the word you say to the child as incorrect. |  |  |
| word_dict_test_note1 | SAY TO THE CHILD: Ready? You may begin. ENUMERATOR gives the note pad and pencil to the student |  |  |
| word_dict_test1 (required) | Ready? [ENUMERATOR says: DOG ]: | 1 | Correct |
|  | ENUMERATOR OBSERVATION: Did the child answer the question correctly?<br>Correct answer = Dog or dog | 0 | Incorrect |
|  |  | -88 | Don't Know |
| word_dict_test2 (required) | [ENUMERATOR says: HOUSE ]: | 1 | Correct |
|  | ENUMERATOR OBSERVATION: Did the child answer the question correctly?<br/>Correct answer $=$ House or house | 0 | Incorrect |
|  |  | -88 | Don't Know |
| word_dict_test3 (required) | [ENUMERATOR says: STREET ]: | 1 | Correct |
|  | ENUMERATOR OBSERVATION: Did the child answer the question correctly? <br>Correct answer = Street or street | 0 | Incorrect |
|  |  | -88 | Don't Know |
| Begin Interview > Student As Group relevant when: $\$\{n u$ | > Math Test > Dictation Section > Section C: Numbers Dictation |  |  |
| num_dict_note | SAY TO THE CHILD: Now I will say the names of the number and you will need to write that on the paper. <br> Please write the NUMBERS of as many as you can. |  |  |
| num_dict_test_note | When I say "begin", start writing the number as best you can. Do you understand what you are supposed to do? <br> I will say the name of the NUMBER and you continue writing. If you DO NOT know then leave it and go to next. <br> ENUMERATOR INSTRUCTIONS:<br/>Stay quiet while the child is answering, UNLESS: the child hesitates for 5 seconds then say "It's Okay, try the next one". Mark the number you say to the child as incorrect. |  |  |
| num_dict_test1 (required) | SAY TO THE CHILD: Ready? You may begin. | 1 | Correct |
|  |  | 0 | Incorrect |
|  | Ready? [ENUMERATOR says: 7]: | -88 | Don't Know |
|  | ENUMERATOR gives the note pad and pencil to the student.<br/><br/>ENUMERATOR OBSERVATION: Did the child answer the question correctly?<br/><br/>Correct answer $=7$ |  |  |
| num_dict_test2 (required) | [ENUMERATOR says: 12 ]: <br> ENUMERATOR OBSERVATION: Did the child answer the question correctly?<br/><br/>Correct answer $=12$ | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |


| num_dict_test3 (required) | [ENUMERATOR says: One Hundred and Five ]: <br> ENUMERATOR OBSERVATION: Did the child answer the question correctly?<br/><br/>Correct answer $=105$ |  |  |
| :---: | :---: | :---: | :---: |
|  |  | 1 | Correct |
|  |  | 0 | Incorrect |
|  |  | -88 | Don't Know |
| Begin Interview > STUDENT SURVEY |  |  |  |
| note_begin_survey | Thank you for answering all of my math and reading questions. We are done with those sections. <br> Now I want to ask you a few quick questions about your family and teachers. |  |  |
| Begin Interview > STUDENT SURVEY > Student Demographics |  |  |  |
| student_age (required) | How old are you? <br> Use '-88' for Don't Know <br> Response constrained to: (.>=3 and .<=30) or -88 |  |  |
| student_age_est (required) | Please estimate the student's age <br> Question relevant when: $\$\{$ student_age $=-88$ <br> Response constrained to: (.>=3 and .<=30) |  |  |
| age_warning | Please ensure that you have entered the right age of the student as [student_age]. Go back and correct the age if it is wrong. <br> Question relevant when: \$\{student_age\} >17 |  |  |
| student_gender (required) | Observe: Student Gender | 1 Male |  |
|  |  | 2 Female |  |
| phone_num (required) | Does your mother or father have a phone number we can use to reach him/her? ENUMERATOR: If Child is not staying with parents, ask for any guardian s/he is living with] | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| phone_num1 (required) | What is your mother or father or guardian's phone number? <br> Use '-88' for Don't Know and -77 for 'Refused' <br> Question relevant when: $\$\{$ phone_num $\}=1$ <br> Response constrained to: ((string-length(.)=9) and not(regex(., '^(. *) $\left.\left.[p\{A l p h a\}]\left(.{ }^{*}\right) \$^{\prime}\right)\right)$ and not(regex(., '^(. $\left.\left.{ }^{*} \mid s\left(.^{*}\right) \$^{\prime}\right)\right)$ and not(regex(., '^(. $\left.{ }^{*}\right)[p\{P u n c t\}]\left(.^{*}\right) \$$ ' $)$ ) or (. $=-77$ ) or (. $=-88$ ) or (. $=-99$ ) |  |  |
| phone_num2 (required) | Does anyone else in your household (those people living with you) have a phone number? | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| phone_num3 (required) | What is the person's phone number? <br> Use '-88' for Don't Know and -77 for 'Refused' <br> Question relevant when: \$\{phone_num2\} =1 <br> Response constrained to: ((string-length(.)=9) and not(regex(., '^(. *) $\left.\left.[p\{A / p h a\}]\left(.{ }^{*}\right) \$^{\prime}\right)\right)$ and not(regex(., '^(. $\left.\left.\left.{ }^{*}\right) \mid s\left(.^{*}\right) \$^{\prime}\right)\right)$ and not(regex(., '^(. $\left.\left.\left.{ }^{*}\right)[p\{P u n c t\}]\left(.^{*}\right) \$^{\prime}\right)\right)$ or (. $=-77$ ) or (.=-88) or (.=-99) |  |  |
| school_current | Are you a student at this school ([school_name])? <br> ENUMERATOR: This means the child must have attended a class at the school at least once in the past month | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| attend_today | Did you sit in a class in this school today? <br> Question relevant when: $\$\{$ school_current $=1$ or $\$\{$ school_current $\}=-88$ | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| attend_yesterday | Did you sit in a class in this school yesterday? <br> Question relevant when: $\$$ \{attend_today\} $=0$ or $\$\{$ attend_today\} $=-88$ | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | 7 Refused to Answer |
|  |  | -88 | 8 Don't Know |
| attend_thisweek | Did you sit in a class in this school sometime this week? <br> Question relevant when: \$\{attend_yesterday\} $=0$ or \$\{attend_yesterday\} $=-88$ | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | 7 Refused to Answer |
|  |  | -88 | 8 Don't Know |
| attend_lastweek | Did you sit in a class in this school last week? <br> Question relevant when: \$\{attend_thisweek\} $=0$ or $\$\{$ attend_thisweek $=-88$ | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | 7 Refused to Answer |
|  |  | -88 | 8 Don't Know |
| attend_thismonth | Did you sit in a class in this school in the past month? <br> Question relevant when: \$\{attend_lastweek\} =0 or \$\{attend_lastweek\} =-88 | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | 7 Refused to Answer |


|  |  | -88 | Don't Know |  |
| :---: | :---: | :---: | :---: | :---: |
| attend_3months | Did you sit in a class in this school in the past 3 months? <br> Question relevant when: \$\{attend_thismonth\} $=0$ or \$\{attend_thismonth\} $=-88$ | 1 | Yes |  |
|  |  | 0 | No |  |
|  |  | -77 | Refused to Answer |  |
|  |  | -88 | Don't Know |  |
| attend_thisyear (required) | When was the last time you attended a class in this school? <br> Question relevant when: \$\{school_current\} =1 or \$\{school_current\} =-88 | 1 | Today |  |
|  |  | 2 | Yesterday |  |
|  |  | 3 | Sometime this week |  |
|  |  | 4 | Last Week |  |
|  |  | 5 | In the past month |  |
|  |  | 6 | In the past 3 month |  |
|  |  | -77 | Refuse to answer |  |
|  |  | -88 | Don't Know |  |
| school_current2 | Are you a student at another school? <br> Question relevant when: $\$\{$ school_current\} $=0$ | 1 | Yes |  |
|  |  | 0 | No |  |
|  |  | -77 | Refused to Answer |  |
|  |  | -88 | Don't Know |  |
| school_thisyear (required) | Which school do you go to now? <br> Select one from the drop-down list <br> Question relevant when: \$\{school_current2\} =1 |  | -99 | NO SCHOOL |
|  |  | school_num_key |  | school_nam |
|  |  |  | -66 | Other (Specify) |
| school_thisyear_new | Other (please specify) <br> Question relevant when: \$\{school_thisyear\} =-66 |  |  |  |
| dateenroll (required) | Where you enrolled before the december holidays? <br> Ask the kids if he was going to school before the december break <br> Question relevant when: $\$\{$ school_current\} $=1$ or $\$\{$ school_current2\} $=1$ | 1 | Before the holidays (before Janury 1st 2017) |  |
|  |  | 2 | After the holidays (after January 1st 2017) |  |
|  |  | -88 | Don't Know |  |
| reason_dropout (required) | Why are you not in school? <br> Question relevant when: $\$\{$ school_current2\} $=0$ | 1 | I stopped school to work |  |
|  |  | 2 | My parents can't afford the school fees anymore |  |
|  |  | 3 | I got pregnant |  |
|  |  | -66 | Other (please specify) |  |
|  |  | -77 | Refused to answer |  |
|  |  | -88 | Don't Know |  |
| reason_dropout_other | Please specify <br> Question relevant when: $\$\left\{r e a s o n \_d r o p o u t\right\}=-66$ |  |  |  |
| grade_current (required) | Which grade are you in currently? <br> Question relevant when: $\$\{$ school_current $\}=1$ or $\$\{$ school_current2\} =1 | 1 | Nursery |  |
|  |  | 2 K2 |  |  |
|  |  | 3 K 1 |  |  |
|  |  | 4 | 1st grade |  |
|  |  | 5 | 2nd grade |  |
|  |  | 6 | 3rd grade |  |
|  |  | 7 | 4th grade |  |
|  |  | 8 | 5th grade |  |
|  |  | 9 | 6th grade |  |
|  |  | -66 | Other, specify |  |
| grade_current_specify | Please specify other <br> Question relevant when: \$\{grade_current\} =-66 |  |  |  |
| school_lastyear (required) | Did you go to this school ([school_name]) last year? | 1 | Yes |  |
|  |  | 0 | No |  |
|  |  | -77 | Refused to Answer |  |
|  |  | -88 | Don't Know |  |
| school_lastyear_other (required) | Which school did you go to last year? <br> Select one from the drop-down list <br> Question relevant when: $\$$ \{school_lastyear\} $=0$ |  | -99 | NO SCHOOL |
|  |  | school_num_key |  | school_nam |
|  |  | -66 |  | Other (Specify) |
| school_lastyear_new | Other (please specify) |  |  | Question relevant when: \$\{school_lastyear_other\} =-66 |
| lastyeargrade (required) | Which grade were you in last year? | 1 Nursery |  |  |


|  | Question relevant when: not( \$\{school_lastyear_other\} =-99) | 2 | K2 |
| :---: | :---: | :---: | :---: |
|  |  | 3 | K1 |
|  |  | 4 | 1st grade |
|  |  | 5 | 2nd grade |
|  |  | 6 | 3 rd grade |
|  |  | 7 | 4th grade |
|  |  | 8 | 5th grade |
|  |  | 9 | 6th grade |
|  |  | -66 | Other, specify |
| lastyeargrade_other | Please specify <br> Question relevant when: \$\{lastyeargrade\} =-66 |  |  |
| school_distance (required) | How long does it take you to go to school? <br> [In minutesffor one-way travel. Enter-88 for 'don't know'. <br> Question relevant when: $\$\{$ school_current\} $=1$ or $\$\{$ school_current 2$\}=1$ <br> Response constrained to: (.>0 and . <200) or . $=-88$ |  |  |
| school_mode (required) | How do you usually go to school? | 1 | Walking |
|  | Read the options to the student | 2 | Motorbike |
|  | Question relevant when: \$\{school_current\} = 1 or \$\{school_current2\} =1 | 3 | Bus |
|  |  | 4 | Other Public Transport |
|  |  | 5 | Private Transport |
|  |  | -66 | Other (please specify) |
| school_mode_other | Please specify <br> Question relevant when: \$\{school_mode\} =-66 |  |  |
| Begin Interview > STUDENT | tion Games |  |  |
| Group relevant when: (\$is | dent_age\} <=8) or $\$\{$ grade_current $=1$ or $\$\{$ grade_current $=2$ or $\$\{$ grade_current $\}=3$ |  |  |
| note_exec_function | Day/Night Game <br> Enumerator to Child: Engage the child in a conversation about when the sun comes (in the day) and when the moon and stars come out (in the night). Proceed to present a white card with a yellow sun drawing on it and a black card with a white moon and stars on it. |  |  |
| note_daynight1 | Instruction to Child: Say 'NIGHT' when the sun card is presented to you and say 'DAY' when the moon/night card is presented to you. <br> ENUMERATOR: Bring up the cards randomly from underneath the table/chair without looking 8 times and record how many times the child follow your instruction correctly. Start the Game and stop after 8 tries. |  |  |
| daynight (required) | How many times did the child correctly identify the cards as per the game's instructions? (out of 8 total attempts) <br> Response constrained to: .>=0 and .<=8 |  |  |
| note_exec_function2 | Backward Digit Span <br> Enumerator to Child: Introduce the child to the puppet you are carrying. Tell the child the puppet's name is Ernie and that Ernie likes to say whatever you say backwards. Give the child a demonstration by saying the numbers " 1,2 ". Then change your voice to emulate the puppet and say " 2,1 ". Invite the child to try by using the same example. |  |  |
| note_digitspan1 | Instruction to Child: Now you try saying everything I say backwards, just like Ernie. <br> ENUMERATOR: Start by calling out 2 digits and increasing by one digit each time from the list (3 digits, 4 digits and so on), until the child gets it wrong three consecutive times. Record the highest level of success of the child before you stopped. |  |  |
| digitspangame (required) | What was the highest level of success of the child in this game? | 1 | 2 digits |
|  |  | 2 | 3 digits |
|  |  | 3 | 4 digits |
|  |  | 4 | 5 digits |
|  |  | 5 | 6 digits |
|  |  | 6 | 7 digits |
|  |  | 7 | 8 digits |
|  |  | 8 | 9 digits |
|  |  | 9 | 10 digits |
|  |  | 10 | None |
| Begin Interview > STUDENT SURVEY > School and Classroom Environment Group relevant when: $\$\{$ school_current $\}=1$ or $\$\{$ school_current 2$\}=1$ |  |  |  |
| misssch (required) | Did you miss any day of school over the last five school days? <br> By school days, we mean only those days in which school was in session (not weekends or holidays) You may have to go through the days of the week with the kids to jog their memory (i.e. were you in school last Monday? Tuesday? Wednesday? Etc.) | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| schdaysmiss (required) | How many days of school did you miss? <br> Question relevant when: $\$\{m i s s s c h\}=1$ |  |  |


|  | Response constrained to: (.>=1 and .<=5) |  |  |
| :---: | :---: | :---: | :---: |
| whymissch (required) | Why did you miss school? <br> [Select ALL that apply] <br> Question relevant when: $\$\{m i s s s c h\}=1$ | 1 | Student was sick |
|  |  | 2 | Someone else was sick (e.g. family member) |
|  |  | 3 | Traveling |
|  |  | 4 | Work (on farm, in store, mines, etc.) |
|  |  | 5 | Didn't do homework |
|  |  | 6 | Didn't have uniform |
|  |  | 7 | Owing fees or other costs |
|  |  | -66 | Other, specify |
| whymissch_other | Please specify other <br> Question relevant when: selected( \$\{whymissch\} ,'-66') |  |  |
| Begin Interview > STUDENT SURVEY > Teacher Perceptions <br> Group relevant when: $\$\{$ school_current\} $=1$ or $\$\{$ school_current2\} $=1$ |  |  |  |
| note_teacher_percep | Now I would like to ask you some questions about your teachers and how they are in class. |  |  |
| Begin Interview > STUDENT SURVEY > Teacher Perceptions > Teacher Perceptions by Subject Teacher |  |  |  |
| math_teacher_help (required) | Did your math teacher help you during lunch, break, or after school in the last 7 days? You may need to prompt the student by going through the past 7 days. | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| math_teacher_hit (required) | How often does your math teacher hit, pinch, beats, or slap students? Read the options to the student | 1 | Every day or almost every day |
|  |  | 2 | Sometimes |
|  |  | 3 | Never |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't know |
| math_teacher_leave (required) | How often does your math teacher leave during class time? Read the options to the student | 1 | Every day or almost every day |
|  |  | 2 | Sometimes |
|  |  | 3 | Never |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't know |
| math_teacher_abs (required) | Did your math teacher miss class or school in the last 5 school days? You may need to prompt the student by going through the past 5 school days. | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| math_teacher_abs_num (required) | How many days was the teacher absent? <br> Question relevant when: \$\{math_teacher_abs\} =1 <br> Response constrained to: (.>=0 and .<=5) |  |  |
| math_english (required) | Is your math teacher the SAME as your English teacher? | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
|  |  | -99 | Not Applicable |
| Begin Interview > STUDENT SURVEY > Teacher Perceptions > Teacher Perceptions by Subject Teacher <br> Group relevant when: \$\{math_english\} =0 |  |  |  |
| english_teacher_help (required) | Did your english teacher help you during lunch, break, of after school in the last 7 days? You may need to prompt the student by going through the past 7 days. | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| english_teacher_hit (required) | How often does your english teacher hit, pinch, or slap students? | 1 | Every day or almost every day |
|  |  | 2 | Sometimes |
|  |  | 3 | Never |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't know |
| english_teacher_leave (required) | How often does your english teacher leave during class time? | 1 | Every day or almost every day |


|  |  | 2 | Sometimes |
| :---: | :---: | :---: | :---: |
|  |  | 3 | Never |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't know |
| english_teacher_abs (required) | Did your english teacher miss class or school in the last 5 school days? You may need to prompt the student by going through the past 5 school days. | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| english_teacher_abs_num (required) | How many days was the teacher absent? <br> Question relevant when: \$\{english_teacher_abs\} =1 <br> Response constrained to: (.>=0 and .<=5) |  |  |
| Begin Interview > STUDENT SURVEY > Family Background |  |  |  |
| note_familybackground | Now, I am going to ask you about your family or home. |  |  |
| famlang (required) | What language/dialect does your family speak most frequently at home? | 1 | English |
|  |  | 2 | Standard Liberian English |
|  |  | 3 | Bassa |
|  |  | 4 | Bella |
|  |  | 5 | Congo |
|  |  | 6 | Dei |
|  |  | 7 | Fula |
|  |  | 8 | Gbandi |
|  |  | 9 | Gio |
|  |  | 10 | Gola |
|  |  | 11 | Grebo |
|  |  | 12 | Kissi |
|  |  | 13 | Kpelle |
|  |  | 14 | Krahn |
|  |  | 15 | Kru |
|  |  | 16 | Loma |
|  |  | 17 | Mandingo |
|  |  | 18 | Mano |
|  |  | 19 | Vai |
|  |  | -77 | Refuse to answer |
|  |  | -88 | Don't Know |
|  |  | -66 | Other (please specify) |
| famlang_other | Please specify <br> Question relevant when: \$\{famlang\} =-66 |  |  |
| tribe (required) | What is your tribe? <br> Do NOT read options. If respondent does NOT identify any tribe, use the following codes: <br/>(-77) if the respondent refuses to answer <br/>(-88) for Don't Know<br/> (-99) if the respondent mentions 'Liberian only' | 1 | English |
|  |  | 2 | Bassa |
|  |  | 3 | Belle |
|  |  | 4 | Congo |
|  |  | 5 | Dei |
|  |  | 6 | Gbandi |
|  |  | 7 | Gio |
|  |  | 8 | Gola |
|  |  | 9 | Grebo |
|  |  | 10 | Kissi |
|  |  | 11 | Kpelle |
|  |  | 12 | Krahn |
|  |  | 13 | Kru |
|  |  | 14 | Lorma |
|  |  | 15 | Mandingo |
|  |  | 16 | Mano |
|  |  | 17 | Mende |
|  |  | 18 | Vai |
|  |  | -99 | Liberian only, or does not think of self in those terms |


|  |  | -88 | Don't Know |
| :---: | :---: | :---: | :---: |
|  |  | -77 | Refused to Answer |
|  |  | -66 | Other(please specify) |
| voter_register (required) | Did you register in the new 2017 Voter Registration Exercise held between 1 February and 7 March 2017? <br> Question relevant when: \$\{student_age\} >16 | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| Begin Interview > STUDENT SURVEY > Family Background > other_assets Group relevant when: \$\{resample\} =1 |  |  |  |
|  |  |  |  |  |
| television (required) | Do you have a televion at home? Video/DVD/Television | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| radio (required) | Do you listen to radio at home? <br> Radio, Radio Cassette, CD Player, Tape Recorded | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| electricity (required) | Do you have electricity/current at home? | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| refrigerator (required) | Do you have a refrigerator/icebox at home? | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| mattress (required) | Did you sleep on a bed/mattress last night? | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| motorbike (required) | Is there a motorbike in your home? | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| fan (required) | Is there a fan in your home? | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| phone (required) | Does anyone in your home have a phone? <br> Question relevant when: $\$\left\{p h o n e \_n u m\right\}=0$ and $\$\{$ phone_num2 $2=0$ | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
| schbefore (required) | Did you attend any form of school before grade 1? <br> Hint: If the child doesn't know, ask if s/he attended kindergarten or other preprimary school | 1 | Yes |
|  |  | 0 | No |
|  |  | -77 | Refused to Answer |
|  |  | -88 | Don't Know |
|  |  | -99 | Not Applicable |
| typeprek (required) | What kind? <br> Question relevant when: $\$\{$ schbefore $=1$ | 1 | Nursery |
|  |  | 2 | K1 (Kindergarten 1) |
|  |  | 3 | K2 (Kindergarten 2) |
|  |  | -88 | Don't Know |
|  |  | other | Other |
| typeprek_other | Specify other. <br> Question relevant when: selected(\$\{typeprek\}, 'other') |  |  |
| Begin Interview > STUDENT SURVEY > Student Opinion |  |  |  |
| note_student_opinion | Next I will say some statements regarding how you feel about school. I want you to tell me if you feel this way everytime, sometimes or never. |  |  |
| opinion1 (required) | I think going to school is fun. <br> READ OPTIONS OUT LOUD | 1 | Everytime |
|  |  | 2 | Sometimes |


|  |  | 3 | Never |
| :---: | :---: | :---: | :---: |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion2 (required) | I use what I learn in class outside of school. READ OPTIONS OUT LOUD | 1 | Everytime |
|  |  | 2 | Sometimes |
|  |  | 3 | Never |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion3 (required) | I think that what I learn in class will be useful when I grow up. READ OPTIONS OUT LOUD | 1 | Everytime |
|  |  | 2 | Sometimes |
|  |  | 3 | Never |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion4 (required) | If I work hard, I will succeed. READ OPTIONS OUT LOUD | 1 | Everytime |
|  |  | 2 | Sometimes |
|  |  | 3 | Never |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion5 (required) | Do your parents help you with your homework? READ OPTIONS OUT LOUD | 1 | Everytime |
|  |  | 2 | Sometimes |
|  |  | 3 | Never |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion6 (required) | In Liberia, are elections (or voting) the best way to choose a president? | 1 | Yes |
|  |  | 2 | No |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion7 (required) | Boys are smarter than girls | 1 | Yes |
|  |  | 2 | No |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion8 (required) | Some tribes in Liberia are bad | 1 | Yes |
|  |  | 2 | No |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion9 (required) | Congo people think they are more important than other tribes | 1 | Yes |
|  |  | 2 | No |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion10 (required) | It is okay to fight against the government. | 1 | Yes |
|  |  | 2 | No |
|  |  | -88 | Don't Know |
|  |  | -77 | Refused to answer |
| opinion11 (required) | What would you like to be when you grow up? <br> Ask the kid what kind of work do you want to do when he grows up | 1 | Farmer / livestock |
|  |  | 2 | Fisherman |
|  |  | 3 | Trader |
|  |  | 4 | Teacher / Educator |
|  |  | 5 | Religious leader |
|  |  | 6 | Football player / other sports |
|  |  | 7 | Engineer |
|  |  | 8 | Doctor |
|  |  | 9 | Nurse |
|  |  | 10 | Lawyer |
|  |  | 11 | Musician |
|  |  | 12 | Parent |
|  |  | 13 | Pilot |
|  |  | 14 | Construction worker |
|  |  | 15 | Miner |
|  |  |  |  |


|  |  | 16 | Driver |
| :---: | :---: | :---: | :---: |
|  |  | 17 | Government worker |
|  |  | 18 | Politician |
|  |  | 19 | Police |
|  |  | 20 | Soldier |
|  |  | 21 | NGO worker |
|  |  | 22 | Businessperson |
|  |  | 23 | Vendor |
|  |  | -66 | Other |
|  |  | -77 | Refuse to answer |
|  |  | -88 | Don't Know |
| opinion11_other (required) | Please specify <br> Question relevant when: $\$\{0$ pinion11\} $=-66$ |  |  |
| endcomments | Thank the student for participating. <br> Ask if $\mathrm{s} / \mathrm{he}$ has any further questions. Remind him/her that all of their answers will be kept secret. |  |  |
| studentphoto | Ask the child to take his/her photo for tracking purposes |  |  |
| gpslocation | ENUMERATOR: Please find somewhere near the door to the student's home where you can collect the GPS coordinates. <br> GPS coordinates can only be collected when outside. <br> Question relevant when: not( $\$\{$ stavailability $=1$ ) |  |  |
| student_resample | Thank the student for his/her time. End interview here. <br> Question relevant when: $\$\{$ stavailability\} $=3$ or $\$\{$ availability_home $\}=2$ or $\$\{$ availability_home\} $=3$ or $\$\{$ availability_home\} $=4$ or or $\$\{$ availability_home $\}=5$ |  |  |
| enum_obs | Enumerator observations/comments: |  |  |
| surveystatus (required) | Survey completion status | 1 | Completed |
|  | ENUEMRATOR: Mark the survey as partially completed if you were unable to complete certain sections of the | 2 | Partially Completed |
|  |  | 3 | Not Available |
|  |  | 4 | Refused to Participate |
| hh_survey | ENUMERATOR: This student [firstname2] has been assigned a Household Survey. Please ask the student about how to track his/her household and go there. <br> Question relevant when: string-length ( $\$\left\{h h \_\right.$sample\} ) > 0 |  |  |
| endscreen | This is the end of the survey. <br> Please save this form and put your device into sleep mode to conserve battery |  |  |

