

Evaluation of E-learning laboratories in Niger

Survey of parents and caretakers

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Introduction and request for verbal consent from parent/caretaker of the student

My name is _____ and I come from Ecole Normal Superieure of Abdou Moumouni University (ENS). The university collaborates with The Fafo Institute for Labour and Social Research (Fafo) based in Oslo, Norway. We would like to talk to you and [...] because we work with a research project about E-learning laboratories in school systems. The goal of the project is to assess the role of digital technologies in children’s learning outcomes in numeracy and literacy in Niger with a view to improve teaching practices and the learning environment. Therefore, we kindly request your voluntary participation in this survey.

[...] is selected to participate in this study because she/he attends _____ primary school. If you agree to participate, we will ask you as parent/caretaker some questions about your family, [...] and his/her sibling’s schooling situation.

By participating in the research project, you help us, the researchers to learn more about the role of digital technologies in schooling/the schools. The information you provide us will be treated confidentially and will not be shared and the data will only be used in aggregate form without identifying you or [...]. The data will only be used for research purposes by a small group of researchers from ENS and Fafo.

Status of the questionnaire	Consent granted. Start interview	1
	Refusal	2
	Parents temporarily not at home	3
	[...] and parent live in a far known village and can’t be reached	4
	No one knows where [...] and the parents live	5
	Partially completed	6

Section 1: Household background

HB01	How old are you?	<input type="text"/> Don't know No answer	98 99	
HB02	Gender of the respondent	Male Female	1 2	
HB03	Marital status of the respondent	Married, monogamous Married, polygamous Widowed Divorced Single	1 2 3 4 5	
HB04	How old is [...]?	<input type="text"/>		
HB05	Gender of [...]	Male Female	1 2	
HB06	What is the respondent's relationship to the student?	Father Mother Grandparent Uncle/aunt Other relative, specify _____ Other non-relative, specify _____	1 2 3 4 5 6	
HB07	Does the father of [...] live in this household?	Yes No, live in other household No, deceased	1 2 3	Ask if HB06=1
HB08	How old is the father of [...]?	<input type="text"/> Don't know No answer	98 99	Ask if father is alive (HB06=1 or HB07<3)
HB09	Does the mother of [...] live in this household?	Yes No, live in other household No, deceased	1 2 3	Ask if HB06=2
HB10	How old is the mother of [...]?	<input type="text"/> Don't know No answer	98 99	Ask if mother is alive (HB06=2 or HB09<3)
HB11	Who do you live with in your household? <i>Mark all that apply</i>	Spouse Son/daughter of respondent or spouse Parent or parent-in-law Grandparents Daughter-in-law or son-in-law Grandchild Brother/sister (incl. half-sibling and step-sibling) Other relative Other non-relative	a b c d e f g h i	
HB12	How many people, including yourself, live with you in your household? <i>Definition of household: People who sleep under the same roof and share at least one meal each day.</i>	<input type="text"/> persons	1-50	
HB13	How many of the household members are female?	<input type="text"/>		

HB14	Are there any person living with disability in the household?	Yes No	1 2	→ HB19
HB15	How many of them are female?	____ ____		
HB16	How many of them are male?	____ ____		
HB17	How many of them are under 18?	____ ____		
HB18	How many of them are attending school?	____ ____		
HB19	How many of the household members are older than 65?	____ ____		
HB20	How many of the household members are under 18?	____ ____		
HB21	How many of the household members are younger than 6?	____ ____		
HB22	What is the highest completed level of formal education of [...]’s father? <i>Ask if father is alive (HB06=1 or HB06=2 or HB07<3 or HB08<3)</i>	No school Incomplete primary Primary Junior secondary Senior secondary Tertiary education	1 2 3 4 5 6	→ HB24 → HB24 → HB24 → HB24
HB23	Can the father read and write?	Read and write easily Read easily but write with difficulty Read with difficulty Cannot read and write	1 2 3 4	
HB24	What is the highest completed level of education of [...]’s mother? <i>Ask if mother is alive (HB06=1 or HB06=2 or HB07<3 or HB08<3)</i>	No school Incomplete primary Primary Junior secondary Senior secondary Tertiary education	1 2 3 4 5 6	→ HB26 → HB26 → HB26 → HB26
HB25	Can the mother read and write?	Read and write easily Read easily but write with difficulty Read with difficulty Cannot read and write	1 2 3 4	
HB26	What is your highest completed level of education? <i>Ask if HB06>2</i>	No school Incomplete primary Primary Junior secondary Senior secondary Tertiary education	1 2 3 4 5 6	→ HB28 → HB28 → HB28 → HB28
HB27	Can you read and write a message?	Read and write easily Read easily but write with difficulty Read with difficulty Cannot read and write	1 2 3 4	
HB28	How many of the household members are currently attending primary school?	____ ____		
HB29	How many of the household members are attending junior secondary school?	____ ____		
HB30	How many of the children in the household are currently attending senior secondary school?	____ ____		

HB31	How many of the household members are currently attending a Koranic school?			
HB32	Among the adult members of your household (those aged 18+), what is the highest level of education that any individual has attained?	No school Incomplete primary Primary Junior secondary Senior secondary Tertiary education	1 2 3 4 5 6	
HB33	How many of the children aged between 6 and 17 are not currently attending school?			
HB34	How many of them are girls?			<i>If HB33>0</i>
HB35	Why are these children not attending school? Select 3 top reasons	Not interested in school Repeated failure/low grades Impairment or functional problem Non-functional related health reasons Poor accessibility for the disabled (buildings and trained teachers) Poor infrastructure in school (classrooms, desks, water, toilets, etc.) High indirect cost of schooling (contribution to CGDES, pens, pencil, textbook, etc.) School not available nearby Teacher absenteeism and strikes No place at the school/school is full Lack of teachers in school Lack of engaged teachers Due to corporal treatment at school Bad treatment at school by other children (teasing, mockery, intimidation, etc.) Insecurity during travel to and from school Farm work, gardening, housework/domestic chores Petty trading Family problems (divorce, separation, etc.) Left school for marriage Family does not want girls to attend school Other reason, specify _____ Do not know	a b c d e f g h i j k l m n o p q r s t u v	<i>If HB33>0</i>
HB36	What is the main language spoken in the household?	Zarma TamasheqHaoussa Peuhl Gourmantche Kanuri French Arabic Other	1 2 3 4 5 6 7 8 9	
HB37	What is the duration, in minutes, that [...] typically requires to travel from your residence to school?			
HB38	Are you aware that [...] was evaluated for his/her reading and numeracy competence at the school recently?	Yes No Don't know	1 2 8	

Section 2: Parental involvement in the student's education

PI01	Who usually helps [...] with his/her homework or studying lessons?	Parent Sibling Other household member Friend Neighbor Paid tutoring No one Other, specify _____	1 2 3 4 5 6 7 8	
PI02	How often does [...] receive support to do his homework or studying lessons?	Every day Several times a week Once a week Occasionally Never	1 2 3 4 5	
PI03	Usually, how does [...] spend most of the time after school hours?	Learn his/her lessons Homework Playing Household chores Petty trading Farming activities Other, specify _____	1 2 3 4 5 6 7	
PI04	In your opinion, does [...] spend sufficient time to do his/her homework or studying lessons?	Yes No Don't know	1 2 8	
PI05	How often do you monitor [...] to ensure that he/she does his/her homework or studying lessons?	Every day Several times a week Once a week Occasionally Never	1 2 3 4 5	
PI06	As a parent/care take of [...], are you able to provide support in his/her homework and studying lessons?	Yes No Don't know	1 2 8	→ PI08 → PI08
PI07	What is the main reason that you are unable to provide support to [...] in homework or studying lessons?	Lack of education Lack of time due to work commitments Lack of mastery of the school curriculum Language barrier Personal health issues It's the responsibility of the school/teacher Due to [...]’s disability Other, specify _____	1 2 3 4 5 6 7 8	
PI08	Do you usually go to pick up or return [...]’s report card after exams?	Always Rarely Never	1 2 3	
PI09	Are you satisfied with the result shown on the report card of [...]	Very satisfied Satisfied Neither satisfied nor dissatisfied Dissatisfied Very dissatisfied	1 2 3 4 5	
PI10	How frequently do you communicate with [...]’s teacher(s) regarding her/his schooling? Is it ...	Regularly Occasionally Rarely Never	1 2 3 4	
PI11	How often do you attend school events or activities? Is it ...	Regularly Occasionally Rarely Never	1 2 3 4	
PI12	Are you a member of the school management committee at [...]’s school?	Yes No	1 2	
PI13	How would you describe your experience in managing the payment of the CDGES fee for [...]?	Not difficult at all Slightly difficult Moderately difficult Very difficult Extremely difficult	1 2 3 4 5	

PI14	How would you rate your level of involvement in [...]’s education? Are you ...	Very involved Somewhat involved Neutral Little involved Not involved at all	1 2 3 4 5	
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Section 3: Parents and caretakers’ assessment & expectations of the student

PE01	How often does [...] go to school on average per week during the current school year?	1-2 days a week 3-4 days a week 5 days a week (full attendance)	1 2 3	
PE02	How frequently does [...] attend the morning session of school?	1-2 days a week 3-4 days a week 5 days a week (full attendance)	1 2 3	
PE03	How frequently does [...] come home for lunch after the morning session?	1-2 days a week 3-4 days a week 5 days a week (full attendance)	1 2 3	
PE04	How frequently does [...] return and attend the afternoon session of school?	1-2 days a week 3-4 days a week 5 days a week (full attendance)	1 2 3	
PE05	Does [...] like reading?	Yes No DK	1 2 8	
PE06	Does [...] like learning new things?	Yes No DK	1 2 8	
PE07	Does [...] like going to/attending/being at school?	Yes No DK	1 2 8	
PE08	How would you rate [...]’s current school performance? Is it ...	Very good Good Average Poor Very poor	1 2 3 4 5	
PE09	Do you believe [...] is performing at her/his full potential?	Yes No	1 2	→ PE11
PE10	What do you think are the factors preventing [...] from reaching her/his full potential?	_____ _____		
PE11	From your perspective, what are the three most important factors that you believe contribute significantly to ensuring [...]’s educational success? <i>Maximum three options</i>	Parental support Support from siblings Support from relatives Support from the neighbours Availability of qualified teachers Personal motivation Access to books Access to educational materials (pens, pencils, textbooks, etc.) Access to electronic educational materials Other, specify _____	a b c d e f g h i j	

PE12	Do you feel the school provides adequate support for [...] learning needs?	Yes No Don't know	1 2 8	
PE13	How significant do you consider it for [...] to achieve educational qualifications from school?	Extremely important Very important Moderately important Slightly important Not at all important	1 2 3 4 5	
PE14	What level of formal education would you like [...] to achieve?	No level completed Primary Junior secondary Senior secondary Vocational training Higher education Religious education Don't know	1 2 3 4 5 6 7 8	
PE15	What do you think that [...] will realistically achieve in her/his education? Which level will [...] complete?	Primary Junior secondary Senior secondary Vocational training Higher education Other, specify: _____	1 2 3 4 5 6	
PE16	When [...] reaches turns 20, what profession or career do you envision for him/her?	_____ _____ _____		

Section 4: Assessment of the school & the E-lab

AS01	<p>[...]’s school has an e-learning laboratory — a dedicated educational space equipped with tablet devices loaded with applications aimed at enhancing numeracy and French language skills. In addition to the tablets, the laboratory is furnished with visual aids and other learning materials designed to stimulate a better learning experience. Students are encouraged to utilize this facility on a regular basis to supplement their learning.</p> <p>Are you aware of the existence of this e-learning laboratory at [...]’s school?</p>	Yes No	1 2	<p>Ask if E-lab at school. QI02=any (1, 4, 6 8, 10)</p>
AS02	<p>An e-learning laboratory is a dedicated educational space equipped with tablet devices loaded with applications aimed at enhancing numeracy and French language skills. In addition to the tablets, the laboratory is furnished with visual aids and other learning materials designed to stimulate a better learning experience. Students are encouraged to utilize this facility on a regular basis to supplement their learning.</p> <p>Are you familiar with the presence of such e-learning laboratories in other schools within this area or in neighboring villages?</p>	Yes No	1 2	<p>Ask if NO E-lab at school. QI02= any (1, 4, 6 8, 10)</p>

AS03	Could you share how you initially became aware of these e-learning laboratories?	From the schoolteachers From my child/children During a school visit From other parents and neighbors Through the CDGES Through community gatherings Through the village chief Through the NGO ADRA that set up the program Through local radio announcements Other, specify _____	1 2 3 4 5 6 7 8 9 10	
AS04	How do you perceive the impact of such educational technologies on children's academic performance?	Very positive Somewhat positive Neutral Somewhat negative Very negative Don't know	1 2 3 4 5 8	Ask if AS02=1
AS05	How frequently does [...] participate in sessions at the e-learning laboratory?	Daily Few times a week Few times a month Rarely Never Don't know	1 2 3 4 5 8	Ask if E-lab at the school
AS06	What do you see as the potential benefits of using the e-learning laboratory for [...]’s education? <i>Mark all that apply</i>	Increased attendance of school Better understanding of lessons More stimulating learning Increased school performance Skills for the future Other, specify _____ None Don't know	a b c d e f g h	Ask if E-lab at the school
AS07	What difficulties have you experienced with [...] using the e-learning laboratory? <i>Mark all that apply</i>	Lack of guidance Difficulty in using the learning materials in the E-lab Difficulty understanding content Distractions Very limited access Other, specify _____ None Don't know	a b c d e f g h	Ask if E-lab at the school
AS08	Does [...] use any device (like a mobile phone, Tablet) for learning purposes at home?	Yes No	1 2	
AS09	How would you rate the quality of teaching at the school?	Very good Good Average Poor Very poor	1 2 3 4 5	
AS10	How well do you think the teachers cater to individual student needs?	Very well Good Average Poor Very poor	1 2 3 4 5	
AS11	How would you rate the teachers' motivation to manage the classroom effectively?	Very good Good Average Poor Very poor	1 2 3 4 5	
AS12	How would you rate the school's learning environment in terms of safety and comfort?	Very good Good Average Poor Very poor	1 2 3 4 5	

AS13	How would you rate the availability of learning materials and resources?	Very good Good Average Poor Very poor	1 2 3 4 5	
AS14	How would you rate the school's facilities, such as classrooms, restrooms, availability of water, etc.?	Very good Good Average Poor Very poor	1 2 3 4 5	
AS15	How would you rate the school's utilization of the e-learning laboratory?	Very good Good Average Poor Very poor Don't know	1 2 3 4 5 8	
AS16	How would you rate the management of the school in ensuring a quality learning for students?	Very good Good Average Poor Very poor Don't know	1 2 3 4 5 8	
AS17	How would you rate the school's (director, teachers) relation with parents?	Very good Good Average Poor Very poor Don't know	1 2 3 4 5 8	
AS18	How would you rate the school's efforts to engage parents in school functions?	Very good Good Average Poor Very poor	1 2 3 4 5	
AS19	How would you rate your own level of engagement with the school?	Very high High Average Low Very low	1 2 3 4 5	
AS20	How would you evaluate the overall quality of the school?	Very good Good Average Poor Very poor	1 2 3 4 5	
AS21	What are the school's main advantages?	Write down answer here _____ _____ _____		
AS22	What areas do you think the school could improve upon?	Write down answer here _____ _____ _____		
AS23	Overall, how satisfied are you with the education provided to the students by the school?	Highly satisfied Satisfied Neutral Dissatisfied Highly dissatisfied	1 2 3 4 5	

Section 5: Household economy & food security

HE01	Type of housing	Hut Banco Banco + metal sheet Hard Semi-hard + metal sheet Semi-hard	1 2 3 4 5 6	
HE02	What is the major construction material of the roof?	Straw Banco Thatch Mats Cement slabs Tile Corrugated sheets	1 2 3 4 5 6 7	
HE03	What is the main material of the floor?	Tiles/marble Cement/concrete Compacted earth/sand Animal dung	1 2 3 4	
HE04	What is the major construction material of the external wall?	Straw, mud walls, earthen mounds Simple stones (traditional) Improved/semi-hardened mud (banco) Recycled materials (planks, sheets, etc.) Fired bricks Cement/concrete/stone blocks Aluminum sheets, glass, etc.	1 2 3 4 5 6 7	
HE05	How many rooms do you have in your house?	_____		
HE06	How many room in this house are used for sleeping?	_____		
HE07	Does your household have electricity?	Yes No	1 2	→ HE09
HE08	What is the main electricity source to the household?	Grid network Common generator (shared with other dwellings) Private generator Solar panel Other	1 2 3 4 5	
HE09	What is the main source of drinking water for members of your household?	Piped into dwelling Piped to yard/plot Water point/Public tap Tube well or borehole Protected well Unprotected well Protected spring Unprotected spring Rainwater Tanker truck Cart with small tank Water vendors vending jerricans Surface water (River /dam/ etc.) Bottled water Other	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	

HE10	What kind of toilet facility do members of your household usually use?	Flush to piped sewer system 1 Piped to septic tank 2 Flush to pit latrine 3 Flush to somewhere else 4 Flush, don't know to where 5 Pit latrine 6 Pit latrine with slap 7 Pit latrine without slap/open pit 8 Composting toilet 9 Bucket toilet 10 Hanging toilet/hanging latrine 11 No facility/bush/field 12 Other 13	→ HE12 → HE12 → HE12 → HE12 → HE12
HE11	Do you share this toilet facility with other households?	Yes 1 No 2	
HE12	What type of energy/fuel does your household mainly use for cooking?	Electricity 1 LPG/natural gas 2 Biogas 3 Paraffin/kerosene 4 Coal, lignite 5 Charcoal 6 Wood/saw dust burning 7 Efficient wood burning 8 Straw/shrubs/grass 9 Agricultural crop 10 Animal dung 11 No food is cooked in the household 12 Other 13	
HE13	How many members of the household contribute financially or economically to the household?	<input type="text"/>	
HE14	Do you or any member of your household currently have ...? <i>Select all that apply</i>	Car a Motorbikes or bicycle b Plough c Motor-pump d Cart e Refrigerator f Television g Mobile phone h Computer i Generator j Solar panel k Fan l Air conditioner m Mosquito net n	
HE15	Number of household's large ruminants (Cattle, camel, etc.). <i>If > 97, enter 97.</i>	<input type="text"/> Don't know 98 Refusal 99	
HE16	Number of household's small ruminants (Goats, sheep, etc.) <i>If > 97, enter 97</i>	<input type="text"/> Don't know 98 Refusal 99	
HE17	Number of poultry (Chicken, guinea fowl, etc.) <i>If > 97, enter 97</i>	<input type="text"/> Don't know 98 Refusal 99	

HE18	<p>During the past 12 months, which of the following were your household's sources of livelihood?</p> <p><i>Select all that apply</i></p>	<p>Wage employment of household members as salaried workers Work of household members as daily laborers Self-employment or household work in agriculture Self-employment or household work outside of agriculture Unemployment benefits Remittances/transfers from family/relatives abroad Assistance/transfer from family/relatives within the country Income from properties, investment, or savings Pension Assistance from the government Assistance from NGOs/charitable organizations</p>	<p>a b c d e f g h i j k</p>	
HE19	<p>Which of the sources will you define as the main source of your household's livelihood?</p> <p><i>Main source = the source that provides the highest income.</i></p>	<p>Salaried work Daily laborer Self-employment in agriculture Self-employment outside agriculture Unemployment benefits Remittances/transfers from family/relatives abroad Assistance/transfer from family/relatives within the country Income from properties, investment, or savings Pension Assistance from the government Assistance from NGOs/charitable organizations</p>	<p>1 2 3 4 5 6 7 8 9 10 11</p>	
<p>Now I would like to ask you some questions about food.</p>				
HE20	<p>During the past 12 months, was there a time when you or others in your household were worried you would not have enough food to eat because of a lack of money or other resources?</p>	<p>Yes No Don't know Refusal</p>	<p>1 2 8 9</p>	
HE21	<p>Still thinking about the past 12 months, was there a time when you were unable to eat healthy and nutritious food because of a lack of money or other resources?</p>	<p>Yes No Don't know Refusal</p>	<p>1 2 8 9</p>	
HE22	<p>During the past 12 months, was there a time when you or others in your household ate only a few kinds of foods because of a lack of money or other resources?</p>	<p>Yes No Don't know Refusal</p>	<p>1 2 8 9</p>	
HE23	<p>During the past 12 months, was there a time when you or others in your household had to skip a meal because there was not enough money or other resources to get food?</p>	<p>Yes No Don't know Refusal</p>	<p>1 2 8 9</p>	
HE24	<p>Still thinking about the past 12 months, was there a time when you or others in your household ate less than you thought you should because of a lack of money or other resources?</p>	<p>Yes No Don't know Refusal</p>	<p>1 2 8 9</p>	
HE25	<p>In the past 12 months, was there a time when your household ran out of food because of a lack of money or other resources?</p>	<p>Yes No Don't know Refusal</p>	<p>1 2 8 9</p>	
HE26	<p>In the past 12 months, was there a time when you or others in your household were hungry but did not eat because of a lack of money or other resources for food?</p>	<p>Yes No Don't know Refusal</p>	<p>1 2 8 9</p>	
HE27	<p>During the past 12 months, was there a time when you or others in your household went without eating for a whole day because of a lack of money or other resources?</p>	<p>Yes No Don't know Refusal</p>	<p>1 2 8 9</p>	

COMMENT	Write down your observations and remarks about the household and the interview.
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