

AFRICAN POPULATION AND HEALTH RESEARCH CENTER

EDUCATION RESEARCH PROGRAMME

TEACHER QUESTIONNIARE (BASELINE)

THIS QUESTIONNAIRE SHOULD BE ADMINISTERED TO TEACHERS OF SCIENCE IN CLASS SIX IN THE SCHOOL VISITED

In the process of developing this study tool, several sources were consulted and mainly included the Human Sciences and Research council (HSRC) and the South Africa Consortium for Monitoring and Evaluating Educational Quality II – Kenya (SACMEQ II).

1.0	BACKGROUND INFORMATION					
1.1	START TIME					
1.2	DATE OF INTERVIEW (DD/MM/YYYY)					
1.3	FIELD INTERVIEWER'S (FI) CODE					
1.4	FULL NAME OF THE TEACHER					
1.4a	TSC/EMPLOYMENT NUMBER					
1.5	FULL NAME OF SCHOOL					
1.6	CURRENT KENYA NATIONAL EXAMINATION INDEX FOR THE SCHOOL					
1.7	PREVIOUS KENYA NATIONAL EXAMINATION INDEX FOR THE SCHOOL					
1.8	FI: IN WHICH PROVINCE IS THE SCHOOL LOCATED? 01=COAST; 02=CENTRAL; 03=EASTERN; 04=NAIROBI; 05=RIFT VALLEY; 06=WESTERN 07=NYANZA; 08=NORTH EASTERN					
1.9	FI: GIVE THE NAME OF THE DISTRICT WHERE THE SCHOOL IS LOCATED					
1.10	INTRODUCTION AND CONSENT					
Healt Keny enrol seek of thi Keny Your cause volui teach quest	Good morning/afternoon/evening sir/madam. My name is (NAME OF FIELD INTERVIEWER). I work with the African Population and Health Research Center (APHRC) which carries out research on Education, Health, Urbanization, and Well being. The APHRC works in Kenya and in the sub-Saharan Africa region. Under the Education theme, we visit primary schools to collect data on school infrastructure, enrolment, staffing, teaching, learning and management. This time round, we would like to collect data from [NAME OF SCHOOL]. We seek your permission to collect these data concerning teaching, learning, enrolment, staffing, infrastructure and management. The results of this research will be disseminated to schools participating in the study and at national level in order to inform education policy in Kenya. Your responses will be held with utmost confidentiality and will only be available to members of the research team. The study will not cause any disadvantage to you, or your school. If you accept that they participate in this research, you will be doing so professionally and voluntarily and there will not be any monetary returns. Any benefits of the research will be policy oriented intended to improve the teaching and learning processes in our schools. You are free to ask questions as we proceed and you are also at liberty not to respond to questions you do not feel comfortable answering. This interview will take about 30 minutes.					
1.11	Would you like to participate in this research? 1=YES; 2=NO;					
4 4 4	[IF 1=YES, THANK THE RESPONDENT AND PROCEED TO SECTION 2.0]					
1.12	Kindly let me know the reason why you would not wish to participate in this research 01=TOO BUSY/DO NOT HAVE TIME; 02=TIRED OF RESEARCH; 03=RESEARCH NOT BENEFICIAL; 04=NOT INTERESTED; 96=OTHER (specify) [CHECK 1.11: IF 2=NO, THANK THE RESPONDENT, AND SKIP TO SECTION 6.0]					
2.0	SOME QUESTIONS ABOUT YOU					
2.1	FI: INDICATE SEX OF TEACHER/RESPONDENT 1=FEMALE; 2=MALE					
2.2	What is the date of your birth? (DD/MM/YYYY)					
2.3	What is the highest level of academic education you have attained?					
	01=PRIMARY EDUCATION; 02=JUNIOR SECONDARY EDUCATION; 03=SECONDARY EDUCATION (O-LEVEL); 04=SECONDARY EDUCATION (A-LEVEL); 05=BACHELOR'S DEGREE OR HIGHER (OTHER THAN BACHELOR OF EDUCATION) 96=OTHER (specify)					

2.4	What is the highest level of certification of your pre-service teacher training?	
	01=NO TEACHER TRAINING (UT); 02=CERTIFICATE; 03=DIPLOMA; 04=DEGREE; 05=PGDE	
2 -	96=OTHER (specify) [IF 01, SKIP TO 2.6]	
2.5	How many years of pre-service teacher training have you received altogether? A CERTIFICATE	
	B DIPLOMA	
	C DEGREE	
	D PGDE	
	E OTHER (specify)	
2.6	How adequately do you feel prepared for teaching the Science curriculum?	
	01=VERY INADEQUATE; 02=INADEQUATE; 03=SOMEHOW ADEQUATE; 04=ADEQUATE; 05=VERY ADEQUATE	
2.7	In the last 18 months, how many in-service teacher training short courses have you attended that	
	were specific to Science? [FI: WRITE e.g. 04 FOR 4, 00 FOR 0 etc.]	
	[IF 00, SKIP TO 2.10]	
2.8	Mention the names of the in-service teacher training short courses attended	
	1 2	
	3	
	$rac{1}{4}$	
2.9	How many days altogether have you attended this in-service?	
2.10	How many complete years (including this year 2009) have you been a school teacher?	
2.11	How many complete years (including this year 2009) have you been a school teacher at this school?	
2.12	How many complete years (including this year 2009) have you been a Science teacher?	
2.13	How many complete years (including this year 2009) have you been a Science teacher in class 6?	
2.14	How many streams of class six do you teach science?	
	1=ONE; 2=TWO; 3=THREE; 4=MORE THAN THREE	
2.15	Which are those streams? [FI: THESE DIFFER BY SCHOOL, e.g. 6A, 6B, 6B or 6K1, 6K2, 6K3 etc?] A	
	В	
	C	
2.16	In total, how many Science lessons do you teach in class six in a week?	
2.17	How often does the school Principal/Head teacher watch you teach Science?	
	1=OFTEN; 2=SOMETIMES; 3=RARELY; 4=NEVER	
2.18	How often does the deputy principle/HOD/Senior teacher/master teacher in the school watch you	
	teach Science? 1=OFTEN; 2=SOMETIMES; 3=RARELY; 4=NEVER	
2.19	How many times did a Science curriculum or subject advisor from the zonal/division/district or	
	province visit you in your classroom, at this or any other school in the last 18 months?	
	01=NEVER; 02=ONCE; 03=TWICE; 04=MORE THAN TWICE;	
	05=NOT TEACHING IN THE LAST 18 MONTHS [IF 01, SKIP TO 2.20]	
2.20	Which of the following activities did the Science curriculum or subject advisor undertake if s/he visited?	
	1=YES; 2=NO	
	A LOOKED AT LEARNERS WORK IN CLASS	
	B CHECKED MY FILES AND RECORDS	
	C DISCUSSED MY TEACHING AND AREAS OF IMPROVEMENT	
	D SUGGESTED ATTENDING A TRAINING SESSION	
	E EXPLAINED CURRICULUM CONTENTS	
	F RECOMMENDED NEW TEACHING MATERIALS OR METHODS	
	G GAVE ME NEW MATERIALS AND TEXTBOOKS	
	H OTHER(SPECIFY)	

2.21	Have you covered any of the following Science topics so far in your class 6 this year?				
		_	1=YES; 2=NO; 3=CANNOT REMEMBER		
	A	HUMAN BODY H	FOOD AND NUTRITION		
	В	HEALTH EDUCATION I	ENERGY		
	C	PLANTS J	PROPERTRIES OF MATTER		
	D	WEATHER AND THE SOLAR SYSTEM K	MAKING WORK EASIER		
	E	ANIMALS			
	F	WATER			
	G	SOIL			
2.22	In t	total, how many lessons do you teach in all subjects and $% \left(x\right) =\left(x\right) $	classes in this school in a week?		
2.23	Hov	ow often do you deal with learner descipline problems?			
		01=SEVERAL TIMES A DAY; 02=ONCE A DAY; 03=SE 04=ONCE A WEEK; 05=LESS THAN ONCE A MONTE			
2.24	Hov	ow often do learners in the school threaten or hurt other l	earners?		
		01=SEVERAL TIMES A DAY; 02=ONCE A DAY; 03=SE	EVERAL TIMES A WEEK;		
		04=ONCE A WEEK; 05=LESS THAN ONCE A MONT	H; 06=NEVER 96=OTHER (SPECIFY)		
2.25	Hov	ow often do teachers in the school threaten or hurt learne	rs physically?		
		01=SEVERAL TIMES A DAY; 02=ONCE A DAY; 03=SE 04=ONCE A WEEK; 05=LESS THAN ONCE A MONT	•		
2.26	Hov	ow often do outsiders threaten or hurt learners in your sc			
	01=SEVERAL TIMES A DAY; 02=ONCE A DAY; 03=SEVERAL TIMES A WEEK;				
		04=ONCE A WEEK; 05=LESS THAN ONCE A MONT	H; 06=NEVER 96=OTHER (SPECIFY)		
2.27	wha	hat activity takes you out of school most often?			
	01=UNION MEETINGS; 02=DEPARTMENTAL OR COMMITTEE MEETINGS;				
	03=CONSULTATIONS WITH OTHER TEACHERS; 04=DOMESTIC RESPONSIBILITIES				
		05=RESPONSIBILILITIES RELATED TO SECOND JOE	3;		
	06=RESPONSIBILITIES RELATED TO MY COMMUNITY SUCH AS LOCAL POLITICS				
	07=CONSULTATIONS WITH LEARNERS				
		08=CONSULTATIONS WITH PARENTS OR GUARDI	IANS OF LEARNERS		
		09=TRAINING OR PROFESSIONAL DEVELOPMENT	•		
		96=OTHER (specify)			
		99=I AM NEVER TAKEN OUT OF MY CLASSES			
2.28	Wh	hat is your typical means of transport from your residen 01=WALKING; 02=BICYCLE; 03=MOTOR-CYCLE; 04= 05=DRIVING PRIVATE/SCHOOL VEHICLE			
2.29	Usi	sing this means (in 2.27), how long does it take you to get	to school?		
			N MINUTES e.g. 2hrs=120 minutes]		
2.30		ow many of the families of the learners you teach do you			
		=ALL THE FAMILIES; 02=THREE QUARTERS OF THE I			
	04=	=ABOUT A QUARTER OF THE FAMILIES; 05=NONE O	F THE FAMILIES 96=OTHER (specify)		

2.31 Do you frequently face the following problems in your class(es)? 1=YES; 2=NO				
[FI: READ OUT THE OPTIONS ONE AT A TIME AND CODE APPROPRIATELY]				
Α	A DISCIPLINE			
В	B LACK OF RESOURCES/FINANCES/POVERTY/HUN		RTY/HUNGER	Ш
С	C LACK OF PARENTAL/ FAMILY INVOLVEMENT		EMENT	
D	BULLYING/FIGHTING AMONG PUPILS			
Е	SAFET	Y/SECURITY		
F	TEACH	HER ABSENTEEISM		
G	LEARN	IER ABSENTEEISM		
н	CLASS	SIZE IS TOO BIG		
I LACK OF TEACHERS				
J	J LEARNERS NOT DOING THEIR WORK			
K	K TEACHERS NOT DOING THEIR WORK/LACK OF GOOD UNDERSTANDING			
L	L LANGUAGE PROBLEMS			
М	M LACK OF KNOWLEDGE/ NO INTEREST			
N	N NO INTEREST (ON PUPIL'S PART)			
O NEW POLICIES/WORK LOAD/CANNOT COVER THE SYLLABUS				
2.32 Is there an education resource center which serves your school? 1=YES; 2=NO			•	
			IF 2, SKIP TO 3.0]	
2.33 Have you visited the education resource center in the last 18 months?			1=YES; 2=NO IF 2, SKIP TO 3.0]	
2.34 What reasons made you visit the education resource center? 1=YES; 2=NO			1=YES; 2=NO	
	A	BORROW TEACHING/LEARNIN	G MATERIALS	
	В	MAKE TEACHING/LEARNING N	MATERIALS	
	C	ATTEND TRAINING COURSES		
D 1		EXCHANGE IDEAS WITH TEACHERS FROM OTHER SCHOOLS		
	E	SEEK ADVICE FROM THE STAFF	OF THE RESOURCE CENTER	
	F	OTHER(SPECIFY)		

3.0	SOME QUESTIONS ABOUT YOUR PLACE OF ABO	DDE/HOME			
3.1	Which of the following things do you have access to in the place (home) where you stay during the school week?				
	IEL DE AD OUT THE OPTIONS TO THE DESPONDENT AND VICE	1=YES; 2=NO			
	[FI: READ OUT THE OPTIONS TO THE RESPONDENT. INCLUDE				
		A DAILY NEWSPAPER			
		B WEEKLY OR MONTHLY MAGAZINE			
		C RADIO			
		D TV SET			
		E VIDEO CASSETTE RECORDER (VCR)/DVD			
		F CASSETTE PLAYER			
		G TELEPHONE/MOBILE PHONE			
		H REFRIGERATOR/FREEZER			
		I CAR			
		J MOTORCYCLE			
		K BICYCLE			
		L PIPED WATER			
		M ELECTRICITY, GENERATOR, SOLAR			
		N TABLE TO WRITE ON			
		O TOILET IN THE HOUSE			
3.2	Approximately how many of the following livestock are				
	during the school week [FI: PLEASE WRITE THE NUM	MBER IN THE BOXES FOR EACH ITEM e.g. 0012 FOR 12]			
		A Cattle			
		B Sheep			
		C Goats			
		D Horses			
		E Donkeys			
		F Pigs			
		G Poultry			
		H Camels			
3.3	What is the main source of lighting by which you can r	read in the place (home) where you stay during			
	the school week? 01=FIRE; 02=CANDLE; 03=PARA	RAFFIN OR OIL LAMP; 04=GAS LAMP;			
	05=ELECTRIC LIGHTING, SOL	LAR, GENERATOR; 06=THERE IS NO LIGHTING			
4.0	SOME QUESTIONS ABOUT SCIENCE				
4.1	Does the school report for each pupil include a specific	e section for comment on Science? 1=YES; 2=NO			
4.2	How important do you consider the following pupil act 1=NOT IMPORTANT;	ctivities in the teaching of Science? T; 2=OF SOME IMPORTANCE; 3=VERY IMPORTANT			
	[FI: PROBE AND APPROPRIATELY INDICATE ALL THAT APPLY]				
	A WORKING IN PAIRS OR GROUPS TO SOLV	VE SCIENCE PROBLEM			
	B WORKING ALONE ON PROBLEMS				
	C PREPARING PROJECTS OR POSTERS TO BE	E SHOWN TO CLASS			
	D USING PRACTICAL EQUIPMENT E.G. SCAL	LES, RULERS, TAPE MEASURES etc			
	E HOME ASSIGNMENTS				
	F STUDYING AND INTERPRETING GRAPHS	FROM MAGAZINES, NEWSPAPERS etc			
	G DESCRIBING BASIC SCIENCE PROCESSES ((INCLUDING IMMUNIZATION, POLINATION, ETC			
	H QUIZZES, TESTS, EXAMINATIONS, etc				

4.3	Of the eight activities listed above (in question 4.2), select the one you consider to be the most important [FI:INDICATE LETTER CORRESPONDING TO THE MOST IMPORTANT ACTIVITY CHOSEN]				
4.4	Do you ask parents or guardians to sign pupils books to indicate that they have completed their Science home assignments?. 1=YES; 2=NO				
4.5	How important do you consider the following goals in the teaching of Science? [FI: READ OUT, PROBE AND CODE APPROPRIATELY]				
		DD OD! El (G	1=NOT IMPORTANT; 2=OF SOME IMPORTANCE; 3=VERY IMPORTANT	l	
	A		OLVING (TRANSFER OF SKILLS TO EVERY DAY LIFE & APPLYING KNOWLEDGE)		
	В		CE IN SOLVING SCIENCE PROBLEMS		
	C	THINKING			
	D		ION FROM DOING SCIENCE		
	E		JP CAREER OPPORTUNITIES		
	F	DEVELOPM	IENT OF LIFE SKILLS		
4.6	Of	_	isted above (in question 4.5), select the one you consider to be the most important. ICATE LETTER CORRESPONDING TO THE MOST IMPORTANT ACTIVITY CHOSEN]		
4.7	How often do you use the following approaches when teaching Science? 1=OFTEN; 2=SOMETIMES; 3=RARELY; 4=NEVER			₹	
		[FI: REA	AD OUT, PROBE AND CODE APPROPRIATELY]		
		A	USING EVERYDAY PROBLEMS (VERBALLY, WRITTEN OR WORKSHEETS)		
		В	TEACHING THE WHOLE CLASS AS A GROUP		
		С	TEACHING IN A SMALL GROUP		
		D	TEACHING INDIVIDUALLY		
		E	TEACHING THROUGH QUESTION AND ANSWER TECHNIQUES		
		F	GIVING POSITIVE FEEDBACK		
		G	RELATING TO EVERYDAY LIFE SITUATIONS AS MUCH AS POSSIBLE		
		Н	BASIC TRAINING SKILLS		
		I	EXPLAINING SCIENCE PROCESSES		
		J	USING AVAILABLE LOCAL MATERIALS		
4.8	Но	w often do yo	u give your pupils a written test in Science?		
		01=I DC	NOT TEST THE PUPILS; 02=ONCE PER YEAR; 03=ONCE PER TERM;		
		04=TW0	O OR THREE TIMES PER TERM; 05=ONCE A MONTH; 06=TWO OR MORE TIMES PER MON	NTH	
5.0	QU	JESTIONS AI	BOUT YOUR STANDARD SIX CLASS AND YOUR TEACHING		
5.1	How many books do you have in your classroom library or book corner? (FI: PROBE BUT DO NOT INCLUDE MAGAZINES OR NEWSPAPERS. IF THERE IS NO CLASSROOM LIBRARY OR BOOK CORNER WRITE '000' IN THE BOXES PROVIDED]				
5.2	How many of the following do you have in your classroom or teaching area? [FI: WRITE '00' IF NONE]				
			A SITTING PLACES FOR PUPILS (ON CHAIRS OR ON BENCHES)		
_			B WRITING PLACES FOR PUPILS (ON DESKS OR TABLES)		

5.3	Which	of the following are available in your	~	1=YES, 2=NO	
		[FI: PROBE AND CODE APPROPR	ZIATELY]		
		A	A USABLE WRITING BOARD (BLACK, WH	ITE, GREEN)	
		В	CHALK (OR OTHER MARKERS)		
		C	A WALL CHART OF ANY KIND		
		D	A CUPBOARD OR LOCKER		
		E	ONE OR MORE BOOKSHELVES		
		F	A CLASSROOM LIBRARY, BOOK CORNER	OR BOOK BOX	
		G	A TEACHER'S TABLE		
		Н	A TEACHER'S CHAIR		
5.4	Do you	have access to the following items/m	aterials in your school?	1=YES, 2=NO	
		[FI: READ OUT THE OPTIONS, PR	ROBE AND CODE APPROPRIATELY]		
	A	A MAP			
	В	AN ENGLISH DICTIONARY			
	С	GEOMETRICAL INSTRUMENTS (e.g. COMPASS, PRO-TRACTOR) FOR USE ON	WRITING BOARD	
	D	TEACHER'S GUIDE (SCIENCE)			
5.5	How m	any hours, on average, do you spend	in a typical school week working on lesson p	reparation?	
5.6	How often do you usually meet with the parents or guardians of the pupils in your class to discuss pupil				
	performance or related matters?				
		1=NEVER; 2=ON	ICE A YEAR; 3=ONCE A TERM; 4=ONCE OR M	MORE A MONTH	
6.0	COMM	IENTS, INTERVIEW RATING AND	WIND UP		
6.1	RECOR	D COMMENTS ABOUT THE INTER	RVIEW		
6.2	RATE 7	THE INTERVIEW 1=VERY	Y BAD; 2=BAD; 3=AVERAGE; 4=GOOD; 5=VER	XY GOOD	
6.3	RESULT OF INTERVIEW				
			NT CANNOT ANSWER (e.g. IS CHALLENGED))	
		03=RESPONDENT IS OUT OF SCH			
		97=RESPONDENT REFUSED TO B	JTS ARE UNKNOWN; 96 OTHER (specify); E INTERVIEWED		
6.4	RECOR	D END TIME			
	FIELD SUPERVISOR/TEAM LEADER'S CODE				
6.5	TILLD			1 1 1 1 1	