

Exercise B: Evaluating Minimum Achievement Levels

District Level Student Results:

N=19, District Target= 80%, Decision Rule=13

Indicator	Schools		District Status
	Achieved Standard	Did Not Achieve Standard	
English: Performance			
Letter recognition	19	0	Pass
Simple word recognition	5	14	Fail
Simple sentence reading	4	15	Fail
Reading a passage	4	15	Fail
Comprehension	2	17	Fail
Akuapem Twi: Performance			
Letter recognition	12	7	Fail
Simple word recognition	1	18	Fail
Simple sentence reading	0	19	Fail
Reading a passage	0	19	Fail
Comprehension	0	19	Fail

Exercise B: Group 1

GHANA LQAS SURVEY																					
RESULT TABLE FOR STUDENTS AT A SINGLE SCHOOL																					
REGION: <u>EASTERN</u>					DISTRICT: <u>AKUAPEN SOUTH</u>					SCHOOL: _____											
INSPECTOR: _____										DATE OF ASSESSMENT: <u>12/03/2013</u>											
RESPONSE KEY: CORRECT=1 NOT CORRECT=0 SKIPPED=S MISSING=X																					
N°	Indicator	STUDENT NUMBER																TOTAL	MINIMUM ACHIEVEMENT	DECISION RULE	DECISION RULE MET? (met=1 not met=0)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
ENGLISH STUDENT ASSESSMENT																					
section 2	Student able to correctly read 4 or more letters	1	0	1	1	0	1	1	1	0	1	1	1	0	1	1	12	50%	6	1	
section 3	Student able to correctly read 4 or more familiar words	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50%	6	0	
section 4	Student able to correctly read the 4 simple sentences with no more than 3 errors	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	0	50%	6	0	
section 5	Student able to read the reading passage in under 3 minutes and with no more than 10 errors	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	0	50%	6	0	
section 6	Student able to correctly answer 4 or more of the reading comprehension questions correctly	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	0	50%	6	0	
AKUAPEN SOUTH STUDENT ASSESSMENT SUMMARY																					
section 7	Student able to correctly read 4 or more letters	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	50%	6	0	
section 8	Student able to correctly read 4 or more familiar words	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50%	6	0	
section 9	Student able to correctly read the 4 simple sentences with no more than 3 errors	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	0	50%	6	0	
section 10	Student able to read the reading passage in under 3 minutes and with no more than 10 errors	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	0	50%	6	0	
section 11	Student able to correctly answer 4 or more of the reading comprehension questions correctly	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	0	50%	6	0	

Exercise B: Group 2

GHANA LQAS SURVEY																					
RESULT TABLE FOR STUDENTS AT A SINGLE SCHOOL																					
REGION:				DISTRICT:				SCHOOL:													
INSPECTOR:				TEACHER OR CLASSROOM #:								DATE OF ASSESSMENT:									
RESPONSE KEY: CORRECT=1 NOT CORRECT=0 SKIPPED=S MISSING=X																					
N°	Indicator	STUDENT NUMBER																TOTAL	MINIMUM ACHIEVEMENT	DECISION RULE	DECISION RULE MET? (met=1 not met=0)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
ENGLISH STUDENT ASSESSMENT																					
section 2	Student able to correctly read 4 or more letters	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	13	50%	6	1	
section 3	Student able to correctly read 4 or more familiar words	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	3	50%	6	0	
section 4	Student able to correctly read the 4 simple sentences with no more than 3 errors	S	S	S	1	S	S	S	1	S	S	S	S	1	S	S	3	50%	6	0	
section 5	Student able to read the reading passage in under 3 minutes and with no more than 10 errors	S	S	S	1	S	S	S	1	S	S	S	S	1	S	S	3	50%	6	0	
section 6	Student able to correctly answer 4 or more of the reading comprehension questions correctly	S	S	S	0	S	S	S	0	S	S	S	S	1	S	S	1	50%	6	0	
AKUAPEM TWI STUDENT ASSESSMENT SUMMARY																					
section 7	Student able to correctly read 4 or more letters	0	1	1	1	1	0	1	1	1	0	1	0	1	1	0	11	50%	6	1	
section 8	Student able to correctly read 4 or more familiar words	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	50%	6	0	
section 9	Student able to correctly read the 4 simple sentences with no more than 3 errors	S	S	S	1	S	S	S	S	S	S	S	S	1	S	S	2	50%	6	0	
section 10	Student able to read the reading passage in under 3 minutes and with no more than 10 errors	S	S	S	1	S	S	S	S	S	S	S	S	1	S	S	2	50%	6	0	
section 11	Student able to correctly answer 4 or more of the reading comprehension questions correctly	S	S	S	0	S	S	S	S	S	S	S	S	0	S	S	0	50%	6	0	

Exercise B: Group 3

GHANA LQAS SURVEY																					
RESULT TABLE FOR STUDENTS AT A SINGLE SCHOOL																					
REGION: <i>EASTERN</i>					DISTRICT: <i>AKWIM SOUTH</i>					SCHOOL: _____											
INSPECTOR: _____					TEACHER OR CLASSROOM #: _____					DATE OF ASSESSMENT: <i>12/03/13</i>											
RESPONSE KEY: CORRECT=1 NOT CORRECT=0 SKIPPED=S MISSING=X																					
N°	Indicator	STUDENT NUMBER																TOTAL	MINIMUM ACHIEVEMENT	DECISION RULE	DECISION RULE MET? (met=1 not met=0)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
ENGLISH STUDENT ASSESSMENT																					
section 2	Student able to correctly read 4 or more letters	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	50%	6	1
section 3	Student able to correctly read 4 or more familiar words	0	1	0	1	0	0	0	0	0	0	1	1	1	1	1	1	7	50%	6	1
section 4	Student able to correctly read the 4 simple sentences with no more than 3 errors	0	1	S	1	S	S	S	S	S	S	1	1	1	0	0	5	50%	6	0	
section 5	Student able to read the reading passage in under 3 minutes and with no more than 10 errors	S	1	S	1	S	S	S	S	S	S	1	1	1	S	S	5	50%	6	0	
section 6	Student able to correctly answer 4 or more of the reading comprehension questions correctly	S	1	S	1	S	S	S	S	S	S	0	0	1	S	S	3	50%	6	0	
AKWAPEM TWI STUDENT ASSESSMENT SUMMARY																					
section 7	Student able to correctly read 4 or more letters	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	10	50%	6	1	
section 8	Student able to correctly read 4 or more familiar words	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	3	50%	6	0	
section 9	Student able to correctly read the 4 simple sentences with no more than 3 errors	S	1	1	S	S	S	S	S	S	S	1	S	S	S	S	3	50%	6	0	
section 10	Student able to read the reading passage in under 3 minutes and with no more than 10 errors	S	1	1	S	S	S	S	S	S	S	1	S	S	S	S	3	50%	6	0	
section 11	Student able to correctly answer 4 or more of the reading comprehension questions correctly	S	0	1	S	S	S	S	S	S	S	1	S	S	S	S	2	50%	6	0	

Exercise B: LQAS Pilot in Ghana – Setting Decision Rules

- How do student performance levels differ at these 3 different schools?
- How do the summary scores differ at the schools?
- Given that LQAS was designed to identify the schools in most need of assistance, would you suggest any changes to the minimum achievement levels?
 - Should any achievement standards be decreased? Should any be increased? Why or why not (refer to the district student performance table to inform your decision)?
 - Should achievement levels be uniform across these reading skills? Why or why not?
- Look at the results from your school. Now try reducing the achievement target to 45% of students.
- Consult the LQAS Table to set your new decision rule? Do the results at your school change?
- Now try reducing the achievement target to 35% of students.
- What is the decision rule?
- Do the results at your school change?