

Chapter 8 - Educational Processes

Table 8.1(a) (i). Percentages and sampling errors for the activities of teaching reading (SACMEQ I and SACMEQ II)

Activity	Activity rated as 'most important'			
	SACMEQ I		SACMEQ II	
	%	SE	%	SE
Listening to reading				
Silent reading				
Learning new vocabulary				
Sounding words				
Reading for comprehension				
Taking books home to read				
Reading materials in home				
Reading aloud in class *				

* Only for SACMEQ II.

SACMEQ I variable: TACMOST.

SACMEQ II variable: TRACTMOS.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded Variable
TQ15	TACMOST	—	TQ33	TRACTMOS	—

Table 8.1(a) (ii). Percentages and sampling errors for the goals of teaching reading (SACMEQ I and SACMEQ II)

Goal	Goal rated as ‘most important’			
	SACMEQ I		SACMEQ II	
	%	SE	%	SE
Making reading enjoyable				
Extending vocabulary				
Improving word attack skills				
Improving reading comprehension				
Developing a lasting interest				
Opening up career opportunities *				
Developing of life skills *				

* Only for SACMEQ II.

SACMEQ I variable: TGLMOST.

SACMEQ II variable: TRGOALMO.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded Variable
TQ18	TGLMOST	—	TQ36	TRGOALMO	—

Table 8.1(a) (iii). Percentages and sampling errors for the strategies of teaching reading (SACMEQ I and SACMEQ II)

Approach	Percentage indicating 'often used'			
	SACMEQ I		SACMEQ II	
	%	SE	%	SE
Introducing passage before reading				
Asking questions to test comprehension				
Asking questions to deepen understanding				
Using materials made by teacher				
Reading aloud to the class				
Giving positive feedback*				

* Only for SACMEQ II.

SACMEQ I Variables: XTAPPR1, XTAPPR2, XTAPPR3, XTAPPR4, XTAPPR5 .

SACMEQ II Variables: ZTRAPP01, ZTRAPP02, ZTRAPP03, ZTRAPP04, ZTRAPP05, ZTRAPP06.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded Variable
TQ19.1	TAPPRBKG 1=never or rarely; 2=sometimes; 3=often	XTAPPR1 (1,2=0) (3=1)	TQ37.1	TRAPPR01 1=never or rarely; 2=sometimes; 3=often	ZTRAPP01 (1,2=0) (3=1)
TQ19.2	TAPPRTXT 1=never or rarely; 2=sometimes; 3=often	XTAPPR2 (1,2=0) (3=1)	TQ37.2	TRAPPR02 1=never or rarely; 2=sometimes; 3=often	ZTRAPP02 (1,2=0) (3=1)
TQ19.3	TAPPRDEP 1=never or rarely; 2=sometimes; 3=often	XTAPPR3 (1,2=0) (3=1)	TQ37.3	TRAPPR03 1=never or rarely; 2=sometimes; 3=often	ZTRAPP03 (1,2=0) (3=1)
TQ19.4	TAPPRCRE 1=never or rarely; 2=sometimes; 3=often	XTAPPR4 (1,2=0) (3=1)	TQ37.4	TRAPPR04 1=never or rarely; 2=sometimes; 3=often	ZTRAPP04 (1,2=0) (3=1)
TQ19.5	TAPPRALD 1=never or rarely; 2=sometimes; 3=often	XTAPPR5 (1,2=0) (3=1)	TQ37.5	TRAPPR05 1=never or rarely; 2=sometimes; 3=often	ZTRAPP05 (1,2=0) (3=1)
—	—	—	TQ37.6	TRAPPR06 1=never or rarely; 2=sometimes; 3=often	ZTRAPP06 (1,2=0) (3=1)

Table 8.1(a) (iv). Percentages and sampling errors for the frequency of reading tests (SACMEQ I and SACMEQ II)

Frequency of reading tests												
Region	SACMEQ I						SACMEQ II					
	Less often		2/3 per month		1 + per week		Less often		2/3 per month		1 + per week	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
Region 1												
Region 2												
Region 3												
Region 13												
National												

SACMEQ I Variable: XTTEST.

SACMEQ II Variable: ZTTESTRE.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded Variable
TQ20	TTESTING 1=no test 2=once/year 3=once/term 4=2or3/term 5=2or3/month 6=1+/week	XTTEST (1,2,3,4=0) (5=1) (6=2)	TQ38	TTESTREA 1=no test 2=once/year 3=once/term 4=2or3/term 5=2or3/month 6=1+/week	ZTTESTRE (1,2,3,4=0) (5=1) (6=2)

Table 8.1(b) (i). Percentages and sampling errors for the activities of teaching mathematics (SACMEQ II)

Activity	Activity rated as ‘most important’	
	%	SE
Working in pairs or groups		
Working alone		
Preparing projects to be shown to the class		
Using practical equipment		
Homework assignments		
Studying and interpreting graphs		
Reciting tables, formulae, etc.		
Quizzes, tests, examinations, etc..		

SACMEQ II Variable: TMACTMOS.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ41	TMACTMOS	—	—

Table 8.1(b) (ii). Percentages and sampling errors for the goals of teaching mathematics (SACMEQ II)

Goal	Goal rated as ‘most important’	
	%	SE
Basic numeracy skills		
Problem solving		
Different ways of thinking		
Confidence in solving problems		
Satisfaction from doing Mathematics		
Opening up career opportunities		
Developing of life skills		

SACMEQ II Variable: TMGOALMO.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ44	TMGOALMO	—	—

Table 8.1(b)(iii). Percentages and sampling errors for the strategies of teaching mathematics (SACMEQ II)

Approach	Percentage indicating 'often used'	
	%	SE
Using everyday problems		
Teaching the whole class as a group		
Teaching in a small group		
Teaching individually		
Teaching through question and answer technique		
Giving positive feedback		
Relating to everyday life situations		
Basic skills training		
Explaining mathematical processes		
Using available local materials		

SACMEQ II Variables: ZTMAPP01, ZTMAPP02, ZTMAPP03, ZTMAPP04, ZTMAPP05, ZTMAPP06, ZTMAPP07, ZTMAPP08, ZTMAPP09, ZTMAPP10.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ45.01	TMAPPR01 1=never or rarely;2=sometimes;3=often	ZTMAPP01 (1,2=0) (3=1)	—
TQ45.02	TMAPPR02 1=never or rarely;2=sometimes;3=often	ZTMAPP02 (1,2=0) (3=1)	—
TQ45.03	TMAPPR03 1=never or rarely;2=sometimes;3=often	ZTMAPP03 (1,2=0) (3=1)	—
TQ45.04	TMAPPR04 1=never or rarely;2=sometimes;3=often	ZTMAPP04 (1,2=0) (3=1)	—
TQ45.05	TMAPPR05 1=never or rarely;2=sometimes;3=often	ZTMAPP05 (1,2=0) (3=1)	—
TQ45.06	TMAPPR06 1=never or rarely;2=sometimes;3=often	ZTMAPP06 (1,2=0) (3=1)	—
TQ45.07	TMAPPR07 1=never or rarely;2=sometimes;3=often	ZTMAPP07 (1,2=0) (3=1)	—
TQ45.08	TMAPPR08 1=never or rarely;2=sometimes;3=often	ZTMAPP08 (1,2=0) (3=1)	—
TQ45.09	TMAPPR09 1=never or rarely;2=sometimes;3=often	ZTMAPP09 (1,2=0) (3=1)	—
TQ45.10	TMAPPR10 1=never or rarely;2=sometimes;3=often	ZTMAPP10 (1,2=0) (3=1)	—

Table 8.1(b) (iv). Percentages and sampling errors for frequency of mathematics tests (SACMEQ II)

[illegible]

SACMEQ II Variable: ZTTESTMA.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ46	TTESTMAT 1=no test 2=once/year 3=once/team 4=2or3/term 5=2or3/month 6=1+/week	ZTTESTMA (1,2,3,4=0) (5=1) (6=2)	—

Table 8.2. Percentages and sampling errors for the school activities (SACMEQ I and SACMEQ II)

Activity	Percentage of school activities			
	SACMEQ I		SACMEQ II	
	%	SE	%	SE
School Magazine				
Public Speaking Day				
Open-Door Policy				
Formal Debates or Debating Contests				

SACMEQ I variables: XSPROG1, XSPROG2, XSPROG3,XSPROG4.

SACMEQ II variables: ZSSCHAC1, ZSSCHAC2, ZSSCHAC3,ZSSCHAC5.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded Variable
SQ24.1	SPROGMAG 1=no; 2=yes	XSPROG1 (1=0) (2=1)	SQ30.1	SSCHACT1 1=no; 2=yes	ZSSCHAC1 (1=0) (2=1)
SQ24.2	SPROGSPC 1=no; 2=yes	XSPROG2 (1=0) (2=1)	SQ30.2	SSCHACT2 1=no; 2=yes	ZSSCHAC2 (1=0) (2=1)
SQ24.3	SPROGVIS 1=no; 2=yes	XSPROG3 (1=0) (2=1)	SQ30.3	SSCHACT3 1=no; 2=yes	ZSSCHAC3 (1=0) (2=1)
SQ24.4	SPROGDEB 1=no; 2=yes	XSPROG4 (1=0) (2=1)	SQ30.5	SSCHACT5 1=no; 2=yes	ZSSCHAC5 (1=0) (2=1)

Table 8.3(a). Percentages and sampling errors for the extra tuition taken by pupils outside school hours (SACMEQ I and SACMEQ II)

Extra tuition on any subject				
Region	SACMEQ I		SACMEQ II	
	%	SE	%	SE
Region 1				
Region 2				
Region 3				
Region 13				
National				

SACMEQ I variable: XPPSENDE.

SACMEQ II variable: ZPEXTANY.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Linked to construct
PQ17	PPSENDEX (1=no; 2=yes)	XPPSENDE (1=0) (2=1)	PQ31.1	PEXTENG (1=no tick; 2=tick)	ZPEXTANY =0 If (ZPEXTENG = 2 or ZPEXTMAT = 2 or ZPEXTOTH = 2) ZPEXTANY = 1
—	—	—	PQ31.2	PEXTMAT (1=no tick; 2=tick)	
—	—	—	PQ31.3	PEXTOTH (1=no tick; 2=tick)	

[illegible]

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
PQ32	PEXTPAY 1=don't take extra tuition; 2=payment; 3=no payment; 4=don't know	ZPEXTPAY (1=missing) (2=1) (3=2) (4=3)	—

Table 8.4(a). Percentages and sampling errors for the frequency of homework given most days (SACMEQ I and SACMEQ II)

Region	SACMEQ I		SACMEQ II			
	Homework on any subject		Reading homework		Mathematics homework	
	%	SE	%	SE	%	SE
Region 1						
Region 2						
Region 3						
Region 13						
National						

SACMEQ I variable: PHMWKGET.

SACMEQ II variables: ZPHMWKR, ZPHMWKM.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded variable
PQ11	PHMWKGET (1=no homework; =1 or 2/month; 3=1 or 2/week; 4=most days)	—	—	—	—
—	—	—	PQ33	PHMWKR (1=no reading homework; 2=1 or 2/month; 3=1 or 2/week; 4=most days)	ZPHMWKR (1,2=0) (3,4=1)
—	—	—	PQ36	PHMWKM (1=no math homework; 2=1 or 2/month; 3=1 or 2/week; 4=most days)	ZPHMWKM (1,2=0) (3,4=1)

Table 8.4(b). Percentages and sampling errors for the frequency of reading homework being corrected by teacher (SACMEQ II)

Region	No homework given		Never corrected		Sometimes corrected		Mostly/always corrected	
	%	SE	%	SE	%	SE	%	SE
Region 1								
Region 2								
Region 3								
Region 13								
National								

SACMEQ II Variable: ZPHMWKRC.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
PQ34	PHMWKRC 1=no homework; 2=never corrects; 3=sometimes corrects; 4=most of the time; 5= always corrects	ZPHMWKRC (1=0) (2=1) (3=2) (4,5=3)	—

Table 8.4(c). Percentages and sampling errors for the frequency of mathematics homework being corrected by teacher (SACMEQ II)

Region	No homework given		Never corrected		Sometimes corrected		Mostly/always corrected	
	%	SE	%	SE	%	SE	%	SE
Region 1								
Region 2								
Region 3								
Region 13								
National								

SACMEQ II Variable: ZPHMWKMC.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
PQ37	PHMWKMC 1=no homework; 2=never corrects; 3=sometimes corrects; 4=most of the time; 5= always corrects	ZPHMWKMC (1=0) (2=1) (3=2) (4,5=3)	—

[illegible]

SACMEQ II variables: XOUTWORK, YOUTWORK.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Linked to construct
TQ13	THRSOUTS	—	—	—	—
—	—	—	TQ16	XOUTWORK (reading) and YOUTWORK (math)	—

Table 8.6. ¹ Percentages and sampling errors for the availability of education resource centres for teachers (SACMEQ II)

Region	Reading teacher						Mathematics teacher					
	None available		Have not visited		Have used		None available		Have not visited		Have used	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
Region 1												
Region 2												
Region 3												
Region 13												
National												

SACMEQ II Variables: XRESUSED, YRESUSED.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ24	TRESUSED (XRESUSED and YRESUSED) 1=no education resource centre; 2=not visited; 3=visited	—	—

¹ ONLY for Group B Countries : Kenya, Malawi, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Uganda and Zanzibar.

Table 8.6(r). ² Percentages and sampling errors for the availability of education resource centres for teachers (SACMEQ II)

Region	None available		Have not visited		Have used	
	%	SE	%	SE	%	SE
Region 1						
Region 2						
Region 3						
Region 13						
National						

SACMEQ II Variable: XRESUSED.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
TQ24	XRESUSED 1=no education resource centre; 2=not visited; 3=visited	—	—

² ONLY for Group A Countries : Botswana, Lesotho, Mauritius and Zambia.

Table 8.7. Percentages and sampling errors for school inspections (SACMEQ II)

Purpose of inspection	Inspection took place in past 3 years	
	%	SE
Full inspection		
Routine inspection		
Inspect teachers – <u>not</u> for promotion		
Inspect teachers – <u>for</u> promotion		
Assist teachers		
Advise the school head		
Address crisis/problem		
Courtesy call		

SACMEQ II Variables: ZSINSP01, ZSINSP02, ZSINSP03, ZSINSP04, ZSINSP05, ZSINSP06, ZSINSP07, ZSINSP08.

SACMEQ II			
Question N°	Original Variable	Recoded Variable	Linked to Constructs
SQ25.1	SINSP01	ZSINSP01 (0=0) (1 thru 97=1)	—
SQ25.2	SINSP02	ZSINSP02 (0=0) (1 thru 97=1)	—
SQ25.3	SINSP03	ZSINSP03 (0=0) (1 thru 97=1)	—
SQ25.4	SINSP04	ZSINSP04 (0=0) (1 thru 97=1)	—
SQ25.5	SINSP05	ZSINSP05 (0=0) (1 thru 97=1)	—
SQ25.6	SINSP06	ZSINSP06 (0=0) (1 thru 97=1)	—
SQ25.7	SINSP07	ZSINSP07 (0=0) (1 thru 97=1)	—
SQ25.8	SINSP08	ZSINSP08 (0=0) (1 thru 97=1)	—