

TEACHERS SERVICE COMMISSION



SAMPLING FOR SCHOOL BASED TEACHER SUPPORT SYSTEM (SBTSS) TO ESTABLISH A BASELINE FOR TEACHERS PERFORMANCE GAPS IN SCIENCE, MATHEMATICS AND ENGLISH

Sampling for this study will be all Science, Mathematics and English teachers from primary and secondary schools in randomly sampled 41 out of 110 sub counties in all the 30 counties targeted for SEQIP intervention. There are **five subjects in secondary** (*Biology, Chemistry, Physics, Mathematics and English*) and **three subjects in primary** schools (*Science, Mathematics and English*) and **one teacher per subject per school** will be purposively sampled translating to 4894 teachers (3,324 primary school teachers and 1,570 secondary school teachers). All the sampled teachers of various subjects will be enlisted to take the written test. This will be followed by lesson observation of 16 teachers sampled from among those who will take the test.

The instructions for the study are as follows:

Appendix 1: Guidelines for administration of SBTSS Base line study instruments

1. The TSC County Director

- i.* Identify target schools that will participate in the exercise per sub – county. The criteria should include Boarding schools, Mixed day schools, Mixed Boarding school, day schools and Special school, National, Extra county, County and sub-County (***Refer to appendix 3 for the number of schools per sub county per category***)
- ii.* Three teachers per primary school each to represent the subjects Science, Maths and English).
- iii.* Five teachers per secondary school each to represent the subjects Biology, Physics, Chemistry, Mathematics and English).
- iv.* Coordinate the administration of the instruments in the county.

2. The TSC sub-county director of the cluster center will ensure the following;

- i. Invitation letters are sent to the identified teachers
- ii. To coordinate with the hosting institution for the provision of the necessary facilities and amenities
- iii. There are enough rooms to be used for assessment by all the participants. Sitting arrangement is as per KNEC requirements (1.22m between participants)

3. The Curriculum Support Officer will, among other duties:

- i. Facilitate the registration of the participants upon arrival
- ii. Fill the teacher name form accordingly.

Appendix 2: The schedule of administration of the instruments

DAY /DATE	TIME	ACTIVITY
Day 1	11 am- 1 pm	TPT administration
Day 2	8 am- 4 pm	Lesson observation
Day 3	8 am- 4 pm	Lesson observation
Day 4	8 am- 4 pm	Consolidating data on Lesson observation and TPT instruments

Appendix 3: The cluster centers to host the activities

SN	Name of County	No of sub counties	Name of Sub-County	No. of primary schools	No. of secondary schools	Cluster Centre	Total Number of Teachers
1	Baringo	1	Baringo North	53	10	Baringo TTC	203
2	Bomet	2	Sotik	58	24	Kaplong Girls	294
3	Bungoma	3	Cheptais	32	6	Cheptais Boys	126
4	Busia	4	Busia	16	7	Our Lady of Mercy Girls	201
		5	Teso South	26	8		
5	Elgeyo Marakwet	6	Markwet West	35	11	Moi Girls Kapsawor	160
6	Garissa	7	Balambala	9	1	Garissa High	69
		8	Fafi	9	2		
7	Homa Bay	9	Suba	32	12	Mbita High	132
8	Isiolo	10	Isiolo	15	5	Isiolo Boys	70
9	Kajiado	11	Kajiado Central	36	6	Ole Kajiado	138
10	Kakamega	12	Butere	28	11	Butere Girls	239
		13	Khwisero	20	8		
11	Kilifi	14	Magarini	34	7	Malindi High	250
		15	Malindi	26	7		
12	Kisii	16	Nyamache	36	17	Sameta Boys	193
13	Kitui	17	Mwingi Central	37	11	Mwingi Boys	466
		18	Mwingi East	37	10		
		19	Kyuso	33	8		
14	Kwale	20	Msambweni	48	10	Ngambato Mixed	194
15	Laikipia	21	Laikipia North	8	2	Nanyuki Boys	30
16	Machakos	22	Yatta	45	19	Matuu Girls	230
17	Makueni	23	Kibwezi	55	21	St. Joseph Girls	379
		24	Makindu	23	8	Kibwezi	

SN	Name of County	No of sub counties	Name of Sub-County	No. of primary schools	No. of secondary schools	Cluster Centre	Total Number of Teachers
18	Mandera	25	Mandera Central	14	3	Mandera Secondary	121
		26	Mandera East	18	2		
19	Marsabit	27	Moyale	11	2	Moyale Secondary	69
		28	Sololo	7	1		
20	Migori	29	Uriri	26	11	St Albert Ulanda Girls	133
21	Murang`a	30	Kandara	26	19	Ngararia Girls	173
22	Nandi	31	Tinderet	38	11	St Mary Tachasis	147
23	Narok	32	Trans Mara East	21	8	Emuruandikirr Boys	87
24	Samburu	33	Samburu Central	25	6	Moi Girls	105
25	Taita Taveta	34	Taveta	13	3	Kenyatta High	48
26	Tana River	35	Tana River	17	2	Hola Boys	61
27	Tharaka Nithi	36	Tharaka South	34	9	Tharaka Boys	129
28	Turkana	37	Turkana Central	24	3	Lodwar Boys	134
		38	Turkana North	14	1		
29	Wajir	39	Wajir West	11	2	Wajir High	99
		40	Wajir East	12	4		
30	Pokot	41	West Pokot	48	14	Nasokol Girls	214
TOTAL				1110	332		4894

