

CURRICULUM VITAE

A. PERSONAL DETAILS

Name: Kepha Okari marube
Nationality: Kenyan
Place of Birth: 10th January 1958
Place of birth: Kisii County
ID/PP.NO: 1648154/A007456
Religion: Christian
Marital status: Married
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B. EDUCATION BACKGROUND

<u>FROM</u>	<u>TO</u>	<u>INSTITUTION</u>	<u>QUALIFICATION/CERTIFICATE</u>
1966	1972	Nyachogocho primary	CPE
1973	1976	Nyamagwa S.S.	EACE (Div. I)
1977	1978	Sawagongo High	EAACE (2 P+2 Subs)
1979	1983	University of Nairobi (KUC)	B.Ed(Sc) II
1984	1986	Kenyatta University	M.Ed. (Mathematics Ed)
	Current	University of Nairobi	Ph. D Student

C. WORKING EXPERIENCE

<u>From</u>	<u>To</u>	<u>Employer/Institution</u>	<u>Grade/Duties</u>
1983	1984	TSC (Itierio H. S.)	Graduate Teacher
1986	1988	TSC (KTTC)	Lecturer Mathematics
1991	1993	Maseno Univ. Coll	Lecturer, Math's education
1993	Present	UON	Lecturer, Mathematics Education
	Present	UON	Teaching Practice Coordinator, Kisii zone

D. WORKSHOPS/SEMINARS ATTENDED

From	To	Activity	Institution
23/6/08	25/6/08	Training of UON teaching staff on pedagogy: school of veterinary science	UON
20/3/11	26/3/11	Writers training workshop	Multi-media University coll.
6/5/12	12/5/12	Writers workshop (TEC 406: Ednal statistics (on going))	KWSTC – Naivasha
4/6/12	6/6/12	Training of UON (school of medicine) staff in pedagogy	UON
14/6/12	16/6/12	Training of UON (CBPS) staff in pedagogy	UON
21/10/12	27/10/12	Writers workshop TEC 406: Ednal statistics	KWSTC - Naivasha

E. RESEARCH EXPERIENCE

MASTERS IN EDUCATION (ARTS)

The study is being done in Nairobi and Kisii Counties of Kenya. It is at the level of data collection.

M.ED Project

Title: Investigation of attitudes towards Mathematics by teacher trainees of Migori and Kisii Teachers Training colleges (1986).

Abstract

Performance in Mathematics has been poor for the last many years. The course of the problem has not been established. Children at the primary level of education in Kenya are not known to have problems with mathematics concepts. This is clear from the good performance in the subject at the national examination level (KCPE). Students start having problems with Mathematics concepts at the secondary level. Results in mathematics at the national secondary examination tell it all; poor performance.

It is suspected that the problems related with Mathematics among school pupils emanates from the teachers of Mathematics. This is what necessitated the study; to investigate the attitudes of the teacher trainees who on their graduation become teachers of Mathematics.

The study established that the teacher trainees from the two Colleges was negative. The teacher trainees took mathematics because it was compulsory. It was found out that most of them did not pass mathematics at their qualifying examination to College. Probably, this is why they hold negative attitudes towards the subject. This may be the reason why the pupils they teach may not like the subject.

Ph.D Research

Title: The problem solving techniques in mathematics: the problems faced by secondary school students in its application.

Abstract

Students have had problems in Mathematics the world over. It is also the same in Kenya. Since mathematics is a problem oriented subject, the problem solving technique should be applied in problem solving.

The study is focused on the components of the problem solving technique. Investigation is being carried out to find out the extent to which each component is understood by the learners to establish the root course of the failure of the technique.

Research Supervision

I have successfully supervised the following research projects and the students have graduated:

- (i) Masters Level Projects (M.Ed)
Impact of instructional resources on pre-school Mathematics performance in Muthambi location of Mara District in Meru zone.
By Njeru, Mbae Johnson, University of Nairobi, August 2010.
- (ii) Impact of instructional materials on the learning of number values in pre-schools in Mathira East District, Nyeri County.
By Gichuki, Eunice Wambui, University of Nairobi, December 2011.
- (iii) Bachelor Level (B.Ed)

Impact of outdoor activities with materials on vocabulary building among pre-school children in Diani Division in Kwale County.

By Kieti, Ternet M. Wambua, University of Nairobi, November 2012.

(iv) Factors contributing to ineffective transportation of school children in Nairobi.

By Mutura, Gabriel Njoroge, University of Nairobi, August 2005.