

Key words: *Structural Changes, TVET engineering Curriculum, Technician Engineering Training*

E2012-40: Roles of Community Based Organizations (CBO's) Catering for the Social Welfare Needs of Orphans Positively Living with HIV/AIDS. A Case of Faith of Hope Centre in Kakamega.

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Abstract

Studies' explaining the role of community based organizations in catering the needs of HIV positive orphans has not been adequately addressed. The research sought to study the role of community based organization in catering for the social welfare needs of HIV positive orphans. The research utilized survey design. The objectives of the research were to establish the role of the CBO's in catering for the social welfare needs of HIV/AIDS orphans, investigate the type of social welfare needs of HIV/AIDS orphans, investigate the type of social welfare needs catered for by the community based organization and investigate the challenges faced by the CBOs in provision of services. Based on the objectives, the study found out that CBOs play a great role in catering for the social welfare needs of HIV positive orphans and the entire community. CBOs use activities such as workshops, medical camps, awareness and campaigns and HIV testing and counseling to provide for the needs. Challenges in service delivery are faced by the CBOs due to financial and resource accessibility. The study recommends that CBOs should be given adequate support by the government and communities in order to encourage them to participate fully for the well being of the orphans positively living with HIV/Aids.

Key words: *Orphans, Community based organizations & social welfare needs.*

E2012-41: Biology Education: A Teachers Perspective on the Challenges in the Delivery of Content and Performance in Biology. A Case of Bungoma County, Kenya

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Abstract

Biology is a teaching and learning subject at secondary school level in Kenyan schools. Higher education does not exist in isolation but is a build up from knowledge gained at lower levels of education. Biology plays a key role in industrialization and other sectors of the economy. Biology is practical subject, which equips students with concepts and skills that are useful in solving the day-to day problems of life. The study of biology aims at providing the learner with the necessary knowledge with which to control or change the environment for the benefit of an individual, family or community. However, the secondary school students' performance in biology as a learning subject in the Kenya Certificate of Secondary Education (KCSE) in Bungoma District has been quite low over the years. The public outcry and concern by parents, teachers, educationists and students about poor performance in science subjects and mathematics in national examinations is a clear indication that factors influencing student's performance in these subjects need urgent investigation. The aim of this study is to investigate the influence of teacher related factors on performance of secondary school students in biology. The Cross-sectional descriptive research design was employed in this study. Nine (9) secondary schools were randomly selected for study