

An Exploratory Perspective into the Factors Associated with the Shortage of Physical Science Teachers in the Further Education and Training Band

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KEYWORDS Attitudes. Contexts. Knowledge. Quantitative. Skills

ABSTRACT The aim of the research was to explore the factors associated with the shortage of Physical Science teachers in the FET Band. This paper was underpinned by conceptual model, developed by Howie on school effectiveness in order to foreground possible factors influencing the shortage of Physical Science teachers. A positivist-interpretive quantitative research approach was employed for the purpose of conducting this research. Descriptive statistics was used to summarize, organize and reduce large numbers of observations extricated from the participants' questionnaires. It has been established in this paper that the lack of incentives contributes to the shortage of Physical Science teachers, since the majority of the respondents strongly agreed that there were no incentives to spur them on to teach Physical Science. The majority of the respondents strongly agreed or agreed that Physical Science is portrayed as belonging to a man's world. In order for the teachers to be abreast with issues pertaining to their discipline, there is a need for the education authorities to provide them with professional development.