

ABSTRACT

The Effect on Students' Understandings, Experiences, and Attitudes of Teaching an "Ethics for Science" Unit: A Case Study at the Form One Level

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This study examined the effect of an "Ethics for Science" unit of work on students' understanding of ethics, and their experiences and attitudes related to ethics for science. Data collection methods included interviews, questionnaires, classroom observations, journals, document analysis, and videotaping. Among the findings were that (a) most of the students had an appreciation of the core concepts related to ethics, and (b) as a result of exposure to "Ethics for Science" classes, some students were influenced to hold themselves and others to higher ethical standards while others were berated by their peers for doing so.

Keywords: Science education; Ethics; Moral education; Student attitudes; Secondary school students; Lower secondary education; Teaching units; Case studies; Trinidad and Tobago