

ABSTRACT

A Case Study on the Infusing of the Nature of Science (NOS) with a Form 4 Chemistry Class

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This case study sought to determine the impact of the infusion of Nature of Science (NOS) constructed lessons on the motivation and academic performance of a class of Form 4 students at a denominational all-girls' secondary school in South-West Trinidad. It also examined the views held on the NOS before and after the intervention. Data were collected through questionnaires, observations, and document analysis. The findings indicated that motivation and academic scores increased and that there was a deeper understanding of NOS among the students.

Keywords: Science education; Case studies; Teaching methods; Chemistry education; Nature of science; Student attitudes; Secondary school students; Secondary school science; Science teachers; Trinidad and Tobago