

ABSTRACT

Scientific Literacy and Nature of Science as It Impacts on Boys' Achievement in South Trinidad

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This study sought to examine the impact of a unit of lessons infused with the "Nature of Science" on students' scientific literacy and achievement. Data were collected from the Nature of Science and literacy surveys administered to 34 mixed-ability students of an all-boys' school in South Trinidad. The findings revealed that students' initial, moderate understanding of the Nature of Science became more non-traditional after the intervention of the unit. It was also observed that their scientific literacy and achievement improved after participating in the unit of lessons designed to alter their views on the Nature of Science.

Keywords: Academic achievement; Science education; Male students; Academic achievement; Denominational schools; Single-sex schools; Nature of Science; Trinidad and Tobago