

**An Investigation into the Impact of the Student Teams-Achievement Divisions
(STAD) Model of Cooperative Learning on Student Motivation and Student
Academic Achievement in a Form 4 Additional Mathematics class**

Sareeta Singh

Tutor: Dr. Z. Dedovets

Date: 14th April, 2016

ABSTRACT

The purpose of this action research study was to examine the effect of the co-operative learning strategy STAD (Student Teams-Achievement Division) on students' motivation towards learning and their overall academic achievement in the subject of Mathematics.

Qualitative data was collected in the forms of questionnaires, student journals and teacher journals. The questionnaires were administered both prior to the start of this action research and at its conclusion, while the journals entries were recorded throughout the duration of the STAD sessions with the Form 4 Additional Mathematics class. Quantitative data was gathered by using a base score of the students' exam results for the previous term test which was then compared to the scores achieved by the students in the post-test that was conducted upon the completion of the STAD sessions. These methods of data collection were done in an effort to answer two (2) particular research questions as stated in chapter one (1) of this paper.

The findings have shown increased motivation towards learning Mathematics as well as increased academic achievement in the subject since the students were introduced to the STAD method of learning. The STAD strategy has made a compelling case in its efficiency within the classroom.

Keywords: STAD, Mathematics, motivation, academic achievement.

[199 words]