

EFFECT OF INSTRUCTIONAL LEARNING STRATEGIES ON ACHIEVEMENT IN
MATHEMATICS OF STANDARD VIII STUDENTS.

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OBJECTIVES

- To study whether there exists any significant difference in the Mean Pretest Scores of the Experimental and Control Groups for the Total Sample, Boys and Girls.
- To study whether there exists any significant difference in the Mean Achievement Scores of Experimental and Control Groups for the Total Sample, Boys and Girls..
- To study the effectiveness of Jigsaw II Method of Co-operative Learning Strategy over Existing Method of Teaching Mathematics in terms of Achievement in Mathematics of Standard VIII Students.

METHODOLOGY

Method used : Experimental method, Pretest -Post test Equivalent Groups Design

Sample : 70 VIII standard students (experimental =35, control =35)

Tool :Lesson Transcript for Cooperative Learning Strategy – Jigsaw II model , Lesson Plan for Existing Method of Teaching , Verbal Group Test of Intelligence - VGTI (Kumar, et al., 1997) ,Achievement Test in Mathematics (ATM)

Statistical techniques : Mean Difference Analysis,Analysis of Covariance (ANCOVA)

RESULT

Pupils taught through Jigsaw II Method of Co-operative Learning Strategy significantly differ in Achievement in mathematics than pupils taught through the existing method of teaching.

KEY TERMS: Jigsaw II method, achievement in mathematics

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