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EFFECTIVENESS OF CONCEPTMAPPING ON ACHIEVEMENT IN MATHEMATICS OF  
NINTH STANDARD STUDENTS

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**OBJECTIVES**

To find out the effectiveness of concept mapping over the conventional method on achievement in Mathematics.

**METHODOLOGY**

**Method** : Experimental method

**Sample** : Two intact classes of ninth standard students each from two schools were selected as the experimental and control groups.

**Tools** : Lesson plans Based on Concept mapping, Lesson plans Based on Conventional Method, Pre-test, Post test

**Statistical techniques** : Test of significance of difference between means for large independent samples, Test of significance of difference between means for small independent samples, Cohen's 'd' for measuring the effect size of the treatment variable.

**RESULT**

Concept mapping is effective to teach Mathematics of standard IX students. Also the effect size of concept mapping on Achievement in Mathematics is found to be moderate. So the concept mapping influences moderately the performance in Mathematics of standard IX students.

**KEY TERMS:** Effectiveness, Concept mapping, Achievement in Mathematics.