

# EFFECTIVENESS OF WHOLE BRAIN TEACHING ON MATHEMATICS ACHIEVEMENT OF GRADE 8 STUDENTS

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## **Abstract**

This research investigated the use of Whole Brain Teaching (WBT) and whether this method is effective on increasing students' achievement in mathematics 8. Quasi-experimental, specifically, pretest-posttest design with control group was used to determine the learning outcomes. Four groups of thirty (30) students each were involved where two groups were taught using WBT method and the other two groups using conventional teaching method. Achievement was measured by getting the difference of pretest and posttest using a 30-item test. Mathematics achievement was measured by getting the difference of pretest and posttest using a 30-item test. The results revealed that Whole brain teaching and conventional teaching methods are both effective. However, result of the posttest comparison of two groups indicates that students learned better using WBT method than conventional teaching method. Thus, whole brain teaching is effective on increasing the mathematics achievement of grade 8 students.

**Keywords:** *Whole brain teaching, Brain-based learning, Mathematics achievement*