

# **The Effect of Using Cooperative Learning on the Achievement of Eighth Graders in Mathematics and their Attitudes towards it**

**Dr. Sabri Hasan Al-Tarawneh**  
**Faculty of Educational Sciences**  
**Mutah University**  
**Jordan**

## **Abstract**

The purpose of this study was to determine the effect of using cooperative learning on the achievement of Eighth Graders in Mathematics and their attitudes towards it. The sample of the study consisted of (44) students in khawlah bint al-Azoar school in District Southern Almazar, in two groups (22) students as an experimental group (cooperative learning ) and (22) students as a control group. Two instrument were used: an achievement test and Aiken,L.R. measure of attitude. The results of the study showed that there is a statistically significant effect on achievement in favor of the experimental group (cooperative learning), and there is a statistically significant effect of their attitudes towards cooperative learning in favor of the experimental group (cooperative learning).

---

For the paper in Arabic see pages ( 449-471).