The Impact of a Cooperative Learning Program on the Academic Achievement in Mathematics and Language in Fourth Grade Students and its Relation to Cognitive Style


**Mathematics**

**Cooperative Learning (CL) vs Traditional Learning**

**Round 1** Pre-test before applying the CL program
5'6 - 5'7 Points over 15

**Round 2** Post-test after the CL program
7'2 - 4'4 Points over 15

**Winner** Cooperative Learning

Working in cooperative groups guarantees that all students assimilate in the best ways possible to the information and that group objectives motivates learning. Pairs with higher maturing pull on students with lower maturing.

**Spanish Language**

**Round 1** Pre-test before applying the CL program
4'5 - 6'4 Points over 15

**Round 2** Post-test after the CL program
8 - 8'4 Points over 15

**Winner** Traditional Learning

**Conclusions of this Study**

Cooperative Learning is a methodology that has proved its effectiveness mainly in the area of mathematics; its effects did not become so clear in the area of Spanish language.

It improves teamwork skills. It benefits students with better performances as well as those with the lowest performances. It developed self-assessment, self-regulation and self-monitoring processes amongst students.