World Academy of Science, Engineering and Technology International Journal of Educational and Pedagogical Sciences Vol:9, No:10, 2015

## **Effectiveness of Working Memory Training on Cognitive Flexibility**

Authors: Leila Maleki, Ezatollah Ahmadi

**Abstract :** The aim of this study was to investigate the effectiveness of memory training exercise on cognitive flexibility. The method of this study was experimental. The statistical population selected 40 students 14 years old, samples were chosen by available sampling method and then they were replaced in experimental (training program) group and control group randomly and answered to Wisconsin Card Sorting Test; covariance test results indicated that there were a significant in post-test scores of experimental group (p<0.005).

Keywords: cognitive flexibility, working memory exercises, problem solving, reaction time

Conference Title: ICBEP 2015: International Conference on Behavioral and Educational Psychology

**Conference Location :** Barcelona, Spain **Conference Dates :** October 26-27, 2015