

## The Influence of Physical Activity and Sporting Regular on the School Performances of Pupils Ages 6-10 Years Old

**Authors :** Kheira A. Bekhechi, Belkacem Khiaat

**Abstract :** The goal of our study is to know if there is an influence of the regular sporting physical-activity on the school performances of Algerian children. An experimental group composed of 55 sporting pupils and a reference group of 55 non-sporting pupils between 6 to10 years old (boys and girls) of the primary schools in Oran (Algeria) were followed during 15 months (Five terms). The socio-demographic data was collected from a survey given to pupils of the two groups and the school results from the administration at the end of each term. The sporting pupils have a general school average significantly higher than those of the non- sporting pupils ( $p < 0.05$ ). The practice of physical activity and regular sporting by the children would deserve to be largely encouraged based on the beneficial effects not only on health but also on the academic performance. The parents, teachers and health professionals should be strongly aware.

**Keywords :** cognitive capacities, physical activity and sport, school children, school performances

**Conference Title :** ICDMMLS 2018 : International Conference on Data Mining and Machine Learning for Sports

**Conference Location :** Paris, France

**Conference Dates :** June 25-26, 2018