

# EVALUATION AND EFFECTS OF THE PHYSICAL EDUCATION CLASSES USING DIFFERENT MODELS OF CLASS ORGANIZATION

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## **Abstract**

*This paper aims to present the investigation of the influence of the physical and health education at the transformation of basic motor abilities of students - fifth graders, using various methodical organizational work in teaching physical and health education in the course of one school year. The aim of this study was to determine possible differences in the basic motor abilities between differently treated groups of examinees consisting of 198 boys and girls attending the fifth grade of primary school (age 10-11 years). The sample was divided into two subgroups, control and experimental group (N = 99). Teaching model that was implemented by the control group was performed by the current curriculum with two hours per week of regular classes of physical and health education, with a variety of programs in athletics, gymnastics and sports games, but with the use of simple group methodical organizational forms of work. Teaching model that was implemented by the experimental group was performed by the same curriculum as the control group with the same contents, but with the use of more complex organizational forms. Based upon analysis of the data obtained, using the T - test, and canonical discriminant analysis, we have obtained significant differences of the results of basic motor abilities among students in the experimental and control group, and that these differences are in favor of the students in the experimental group, and that these students have significantly higher levels of applied basic motor skills compared to students in the control group.*

**Keywords:** *methodic organizational forms of work, the transformation of motor skills, teaching physical education*