

## REALISATION OF THE PROGRAMME CONTENTS IN P.E. TEACHING IN THE FIRST AND SECOND GRADE OF ELEMENTARY SCHOOL

### **Abstract**

*This investigation of programme contents adoption was conducted on the sample of 160 first-grade tested pupils (82 schoolboys and 78 schoolgirls) and 153 second-grade tested pupils (74 schoolboys and 79 schoolgirls) of the elementary school. Morphological characteristics were estimated according to three variables (body height, body mass and body mass index). Motor abilities were estimated according to seven variables (bent-arm hang, standing long jump, medicine ball throwing, forward bend on a bench, 30-metre high sprinting run, 300-metre run and obstacle course backwards). The results were statistically evaluated and tabulated. The differences have been established through multivariant analyses of variance (MANOVA), univariant analyses of variance (ANOVA) and discriminative analysis. The results of the research showed that statistically there were no significant differences between the first and second grade schoolboys and schoolgirls when morphological characteristics were concerned, while in the area of motor abilities there were differences which are statistically significant.*

**Key words:** pupils, morphology, motor abilities, MANOVA, discriminative analysis

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