

ESTIMATION OF COGNITIVE SKILLS IN CHILDREN AGED 7-10 YEARS

J. Pluncevic, L. Bozinovska, E. Sivevska, S. Mancevska
Department of Physiology and Anthropology, Skopje, Macedonia
jasnapg@yahoo.com

Investigated group consists of 30 children, pupils of lower classes of elementary school, (7-10 years), at mean age 9.1. In this work are presented results of two psychological tests. Block-design test is an individual performance test for determination of IQ. It consists of 17 items, starting from simple to more complex forms, which has to be reproduced by investigated subject. The children shows mean value of IQ = 117 ± 19.6 .

The solution of each item was analyzed by mean number of moves (wooden cubes) and necessary time needed to create appropriate duplicate.

Pattern-recognition test is curriculum of training to recognize the forms through training with iteration. In this test subject has to recognize correctly 8 forms, named with x1 to x8, divided in two groups A and B. Each of these form present different fournumber's combination of 1 and 2. Maximal duration of P-R test may be 22 iteration, after that the test is considered as unsuccessful (unsolved). Results of this test are analyzed by number of first iteration when all 8 items are recognized (P-R iteration), and number of mistakes which were done by subject (P-R mistakes). Mean value of P-R iteration for this group of children is 9.52 ± 5.9 , mean value of P-R mistakes is 13.1 ± 5.57 .

Both tests were analyzed by their compound items, in their appropriate features, that gives them a significance of standard values regarding this young population.

