

A DTVP-2 differenciáló értéke az írás-olvasásban jól és gyengén teljesítő első osztályos tanulók között

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Abstract

Several studies examined the relationship between perception and school achievement, especially handwriting, reading, math. Most of these studies showed significant relationships between them, showing that the level of perceptual abilities can predict handwriting ability, for ex. One of the most frequently used tests in assessing perceptual abilities was Marianne Frostig's Developmental Test of Visual Perception(1961). The test has been revisited and studies have been conducted in order to test the predictive and discriminant value of the perceptual abilities values indicated by the test. The recent study investigates the relationship between perceptual abilities and handwriting ability, respectively reading in first grade students. Specifically, we examined the discriminant value of the new Frostig test, the Developmental Test of Visual Perception, second edition (DTVP-2,1992) between the "good" and " bad" (Romanian) first grade readers and hand writers. The hypotheses were: The first graders who don't have problems in handwriting and reading, will do significantly better on the DTVP-2 subtests, and will have a significantly higher PQ, than those who are problematic in first grade handwriting and reading. 30 first grade students participated in the study (15 good and 15 bad writers and readers- selection was made based on the grades and teacher's observations). The DTVP-2 was administered to all the children.

Results

Our hypotheses were confirmed by the results of the study. The good readers and writers achieved significantly higher points on every subtest of the DTVP-2, and had higher PQ-s, than the bad readers and writers. In conclusion, these results supported the differential value of DTVP-2 in discriminating children who are good in reading and writing from those who are not, at least in the case of first grade students. Future research is needed in order to generalize these results.

Keywords

perceptual abilities, handwriting, reading, visual perception