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Views upon the development of mathematical thinking of preschool children. (Pogledi na razvoj matematičnega mišljenja predšolskega otroka.)

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Summary: The article presents the views of some experts upon the development of mathematical thinking of preschool children over time, from the first understanding of the concept of numbers to new approaches in the field of cognitive development which involve the child's awareness of his own cognitive activity – metacognition, the skill that is very useful in solving mathematical challenges as early as in kindergarten. Next presented is the general outline of the innovative project dedicated to the introduction of new approaches from the field of cognitive development of children, as well as a survey examining the impact of training of metacognitive skills upon the achievement at solving mathematical exercises.

Classification: C31

Keywords: cognitive development; thinking; metacognitive knowledge; metacognitive skills; preschool children