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The impacts of the introduction of the function concept on students' skills.

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Summary: The concept of function is of fundamental importance to the learning of mathematics. In the function concept development process the rule-following and rule-recognition skills have an important role, that are necessary in the construction of value tables, which help children to figure out the relationship between quantities. In this study, the skills mentioned above were tested among seventh grade students from Ukrainian and Hungarian schools, then consequences have been compared to results of previous studies. We attempted to find out whether the introduction of this concept has an effect on the aforementioned skills.

Classification: I23

Keywords: function concept; rule following and rule recognition skills; Hungarian and Ukrainian secondary education; comparison