INTERACTIVE TRAINING AS A MEANS OF MOTIVATION AND COGNITIVE ACTIVITY IN PROFILED TRAINING IN MATHEMATICS

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Abstract. *The article examines interactive learning as an effective approach in profiled mathematics education aimed at developing students' cognitive activity, motivation, and independence. The theoretical foundations of the interactive model, its stages and organizational conditions, as well as opportunities for its application within the modules of the curriculum are presented. The advantages and challenges of implementing this approach in modern education are analyzed. It is emphasized that interactive methods enhance the quality of knowledge acquisition and support the development of sustainable interest and an active attitude toward learning.*

Key words: Interactive Learning, Mathematics Education, Cognitive Interest, Student Motivation.

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