The structure of the multi-dimensional thinking

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The relevance of the work consists in the need of development of the student's thinking that helps to form the individual, who is able to find effective and different solutions of professional and life tasks. The purpose of the article is to characterize features of a multi-dimensional thinking and to describe its structure. The work presents modern conditions of process of development and formation of professional identity. The author also defines the terms "critical thinking", 'reflexive thinking', 'creative thinking', 'prognostic thinking', 'system thinking'. 'Multi-dimensional thinking' and its structure are formed from these terms.

The article describes the results of the research that were made from post-graduated students of Kazan(Volga region) federal university. This research describes knowledge of students about 5 types of thinking and also ways of its development.

If you are using different methods and techniques for the development of this or that kind of thinking, we also employ other types of thinking. However, concrete thinking actively manifested in dealing with a particular type of task. Furthermore, in the process for solving a problem in different stages of its possible use of different types of thinking. Depending on the purpose to solve problems selected the necessary methods and techniques. The solution of any problems and challenges currently not without multidimensional thinking, it is based on a systematic, creative, critical, reflective and forward-looking thinking.

Keywords: multi-dimensional thinking, critical thinking, reflexive thinking, system thinking, prognostic thinking, creative thinking.

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