

Cognitive states in educational activity of students: Structural-functional aspect

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Abstract

© 2015 Canadian Center of Science and Education. All rights reserved. Modern educational systems are aimed at not only knowledge acquisition, but also at intellectual development of young people, including the ability of self-regulation of cognitive activity. That is why the knowledge of students about cognitive states, strengthening the availability of subjective experience, promoting maximum productiveness of cognitive processes gain great significance. The ability to control these states influences directly on the development of cognitive abilities of students and the success of their study in whole. The purpose of this article is to study the structure and functions of typical cognitive states, emerging in the course of students' educational activity. By means of the procedure of factor analysis, there were revealed four independent factors, underlying the structure of cognitive states. It was shown that the factor of metacognitive regulation of cognitive activity acts as a leading one in the structure of states. In comply with the peculiarities of structural organization, there were distinguished the regulating, activating and directing functions of cognitive states.

<http://dx.doi.org/10.5539/ass.v11n1p1>

Keywords

Cognitive states, Educational activity, Functions, Metacognitive processes, Structure