

IMPROVING STUDENTS' COGNITION ACTIVITIES IN MATHEMATICS CLASSES

Jumaev Jakhongir

Bukhara State University, Independent researcher

UZBEKISTAN

ABSTRACT

The following article deals with a systematic analysis of opportunities to improve student's cognitive abilities in Mathematics classes along with information about research on improving the methods of teaching applied sciences on the basis of innovative technologies. The pedagogical possibilities of developing non-traditional teaching methods in activating students' cognitive activity in Mathematics lessons, their application in the system of general and secondary special education have been studied. In the current conditions of Mathematics education in the academic lyceum, there is a need to set and solve the necessary general didactic, pedagogical and methodological issues, aimed at expanding the level of mathematical knowledge of students, inculcating the desire to acquire more knowledge than in the compulsory program. The use of new information technologies with the help of computer programs in the process of teaching and learning Mathematics are becoming the most fruitful and giving good results. They are able to demonstrate important concepts of a Mathematics course that provide a qualitative advantage over learning with traditional methods.

Keywords: Cognitive activity, Mathematics, innovative technology, method, education system, pedagogical opportunity.