

A Review of the Application of Inquiry-Based Learning in Junior High School Mathematics Teaching

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ABSTRACT

Entering the 21st century, inquiry-based learning has gradually emerged as an effective teaching method in current junior high school mathematics education, becoming a topic worthy of discussion. This paper aims to explore the application, implementation methods, and effectiveness of inquiry-based learning in mathematics teaching through reviewing and analyzing relevant research papers on its application in junior high school mathematics instruction. Finally, corresponding strategies and suggestions are proposed, hoping to make positive contributions to improving the quality of mathematics education in China's junior high schools.

Keywords: Junior high school mathematics; inquiry-based learning; research limitations and prospects.