

RESEARCH ON TRAINING STRATEGIES OF HIGH SCHOOL CLASSROOM MATHEMATICS IMAGE EXTRACTION LITERACY

Mingqi Sun Yanzhi He*

Department of Mathematics, College of Science, Yanbian University, Yanji 133002, CHINA

ABSTRACT

"Core literacy" is a hot topic in the education circle recently, and it is also a concentrated expression of mathematics curriculum objectives. Because mathematics discipline covers a large amount of abstract knowledge and abstract thinking ability, mathematics abstract literacy as the top six core literacy of high school mathematics discipline has been proposed and widely recognized by people. Secondly, although the current education mode in our country is gradually expanding, micro-classes, online classes and live classes are emerging one after another, but the most common students contact is the classroom teaching in schools, which shows that in terms of necessity and importance, classroom teaching is an irreplaceable way for students to learn. Therefore, combining classroom practice and other related teaching activities to mobilize students' attention and enthusiasm for learning, developing students' abstract thinking in mathematics and improving their abstract generalization ability have become major issues facing mathematics workers today. Through consulting a large number of relevant documents, this paper has a preliminary understanding of the understanding and understanding of mathematics abstract literacy in mathematics education circle and the process of selecting and precipitating mathematics abstract as the core literacy of mathematics. Based on the 2017 edition of the curriculum standard for ordinary high school mathematics, and according to the current actual situation of high school students in mathematics learning and mathematics abstract ability, this paper puts forward relevant strategies for cultivating high school mathematics abstract literacy. It is a new direction of mathematics teaching recently to combine teaching practice to cultivate students' mathematical abstract accomplishment and further stimulate students' mathematical abstract ability. In the past, the teaching mode paid more attention to the students' theoretical mastery of book knowledge, the correct rate of problem solving and their proficiency. The focus of teaching is on the cultivation of students' abstract mathematical literacy in classroom teaching, which is a new perspective and breakthrough in education. Therefore, the research on the cultivation of students' abstract mathematical literacy in high school classroom is meaningful.

Keywords: Mathematical Abstraction, Abstract Thinking Ability, Mathematics Core Accomplishment, Senior High School Mathematics Teaching.