Self-Concept: What and How Does It Affect Students' Persistence and Learning Outcomes in Mathematics

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**Abstract** Self-concept is one's understanding of oneself and one's abilities. A person needs a positive self-concept to strive to achieve goals by not giving up easily. This article is the result of a literature review, supported by several relevant research results, which discuss what is meant by self-concept in mathematics and how this self-concept affects student learning outcomes. The results of our study conclude that self-concept is a psychosocial aspect influenced by one's internal environment and conditions. Furthermore, there is a positive correlation between self-concept and student achievement in mathematics. Self-concept also can affect a person's motivation and persistence. Therefore, this motivation and fighting spirit will affect learning achievement. Therefore, mathematics teachers need to pay attention to the development of students' self-concepts in mathematics so that they do not easily give up when facing problems in learning mathematics.

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