# The Potential Implementation of Stem Education Approach To Enhance Computational Thinking

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## ABSTRACT

This paper discuss about the potential implementation of STEM education approach to enhance students' computational thinking. Computational thinking is a kind of analytical thinking that shares with mathematical thinking, engineering thinking, and scientific thinking. STEM education is a learning approach that integrated Science, Technology, Engineering, and Math. STEM education approach is required to make a reasonable effort to develop Junior High School students' computational thinking in this 21 century. Rational and logical thought processes of science, mathematics, and engineering design to innovation and invention can be applied in this approach. Hence, STEM Education approach that adjusted to enhance Junior High School students' computational thinking and characteristics of multidisciplinary integration in STEM learning will make an effective learning process.

Keywords : Computational Thinking, STEM education