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# Self-Worth Related Competences of Low and Average Mathematics Achievers

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## ***Abstract***

The quality of the students of a national mathematics education is termed as a student with ‘mathematical thinking’. Among others, this quality is to meet the needs of the 21st century based on attitudes and values. The values in question are mathematical values and universal values which include elements such as confidence, competence and perseverance, in addition to specifically mentioning responsible values as the goal of mathematics education in the national secondary school curriculum. These values are part of the competence for social and emotional learning (SEL), which is referred to as social and emotional competence (SEC). Emotional intelligence influences social skills, thus can be seen from the perspective of relationships with oneself or self-worth and the perspective of relationships with others. This study aims to examine the level of competencies related to students' self-worth, namely self-management competencies and personal responsibility competencies for low and middle achieving students in secondary school mathematics. This study uses a questionnaire instrument based on the perspectives of the mathematics teacher and the students themselves. The instrument allows mean scores to be obtained on a scale of agreement, 1 to 7. The study involved a total of 46 respondents of mathematics teachers, and 242 respondents of low- and middle-achieving students from poor-urban and low socioeconomic backgrounds. Findings show that both students' self-management competencies and students' personal responsibility competencies are at a moderate level and close to low level. On average, the perceptions of teachers and students involving these two competencies show differences up to close to 1 scale. This indicates that there is a gap that requires an intervention to improve the mastery of competencies related to students' self-worth which is also related to emotional intelligence in particular, and student SEC in general through SEL in mathematics learning.

***Keywords :*** Emotional Competencies, Social Competencies, Mathematics Learning

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