USING COMPUTATIONAL THINKING TO BOOST SOCIAL-EMOTIONAL LEARNING IN EDUCATION

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Abstract: This study examines the need for a social-emotional learning program that integrates computational thinking skills to enhance primary school students' social-emotional learning. Firstly, it explores the current status and development of social-emotional learning in education, as well as the challenges faced in promoting SEL. Additionally, the study investigates the potential of computational thinking to support social-emotional learning. Based on this exploration, the study introduces the COMPUSEL project, which aims to integrate social-emotional development with computational thinking to improve problem-solving skills and deepen students' understanding of their own emotions and those of others. As part of this project, the study will produce innovative curriculum materials for social-emotional learning that incorporate computational thinking skills, including training materials such as creative digital stories and a teacher handbook to support their professional development.

Keywords: Social-emotional learning; computational thinking; primary education