

## **KAPSUL AC+ MADANI: Enhances Locomotor and Cognitive Skills of Students with Special Educational Needs (MBPK) and Mainstream Students at SK Bandar Rinching**

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### **Abstract:**

KAPSUL AC+ MADANI is a multisensory area developed specifically for Students with Special Educational Needs (MBPK). This is part of the effort to support the First Shift of the 2023-2025 Education Development Plan, which aims to provide access to quality education for all students regardless of their background or special needs. Early data shows that MBPK students at SK Bandar Rinching have cognitive and physical abilities that are not in line with their chronological age increase. Impaired locomotor skills and cognitive abilities disrupt the teaching and learning process. The design of this area aims to support students' motor movement, self-capability, and social interaction, while focusing on the psychosocial and cognitive aspects of MBPK students (148 students), mainstream students (2650 students), and preschool students (50 students). This study uses an Action Research method, involving continuous cycles of planning, implementation, observation, and reflection, to evaluate the effectiveness of the KAPSUL AC+ MADANI in improving students' academic and co-curricular performance. Narrative Analysis is used as the main approach to deeply understand the changes that occur in the students. The findings of this study can also help teachers plan and implement more effective and individualized teaching strategies. The use of the KAPSUL AC+ MADANI has the potential to become an intervention model that can be applied in other schools, thereby improving teaching practices in special education.

### **Keywords:**

KAPSUL AC+ MADANI, Locomotor, Cognitive Skills, Special Education Needs.