## *ABSTRACT*

*Application of the AIR Learning Model (Auditory, Intellectualy, Repetition) in Mathematics Learning Materials of Fractions to Improve Student Learning Outcomes for Grade IV SDN Candi II Dungkek Sumenep Academic Year 2021/2022*



***Keywords: AIR Learning Model (Auditory, Intellectualy, Repetition), Learning outcomes***



*This study aims to improve mathematics learning outcomes in the form of fractions for fourth grade students at SDN Candi II Dungkek Sumenep in the 2021/2022 academic year through the application of the AIR (Auditory, Intellectualy, Repetition) learning model.*

*The research method used is collaborative classroom action research conducted by researchers with fourth grade teachers at SDN Candi II. The stages of each cycle in this research are planning, implementation of observations, and reflection.*

*The results showed that the application of Auditory Intellectualy and Repetition (AIR) learning could improve the mathematics learning outcomes of fourth grade students of SDN Candi II. This is evidenced by an increase in student learning outcomes in each cycle, student learning outcomes in the pre-cycle knowledge aspect reached 33%, the first cycle reached 61%, while the second cycle reached 89%. Meanwhile, the learning outcomes in the skills aspect of the pre-cycle stage reached 44%, the first cycle reached 67%, and the second cycle reached 83%. The mastery of student learning outcomes both in terms of knowledge and skills is sufficient to meet the expectations of researchers in determining the percentage of completeness of student learning outcomes, namely 75% of students achieving a KKM score of 70.*