

**USE OF MIND MAPPING METHOD TO IMPROVE STUDENT LEARNING
OUTCOMES IN LEARNING IPA MATERIAL PROPERTIES AND CHANGES
THINGS INFRASTRUCTURES**

*(Class Action Research conducted in Classroom IV SDN 2 Lebak Anyar
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ABSTRACT

The background of this research because of low yields and low student learning activities of students during the learning process of science. Low student learning outcomes are influenced lack of understanding of the learning material resulting teacher-centered delivery of material so that learning becomes a boring and students to be passive in the following study. This classroom action research conducted in the fourth grade SDN 2 Lebak Anyar, Pasawahan District of Purwakarta. Efforts to improve student learning outcomes by applying the mind mapping method as an alternative in solving the problem and as a strategy to improve learning problems. In this study, the subject is the fourth grade students of SDN 2 Lebak Anyar, which has 21 students, 13 women and 8 men. The purpose of this study is to improve student learning outcomes and student activity in the learning process of science. The research model using Action Research (PTK) models Kemmis and Taggart. This study consisted of two cycles each cycle consisting of the stages of planning, implementation, observation, and reflection. Each cycle consists of two sessions. Based on the results of research, learning outcomes in the first cycle of meeting 1 33.33% 66.66% completed and not yet complete, the first cycle of meetings 2 42.85% 57.14% completed and not yet complete, and the second cycle 3 meeting 80.95 % 19.04% completed and not yet complete, the second cycle of meeting 4 85.71% 14.28% complete and incomplete. This means there has been a change to improve the quality of learning, and therefore can be said to be successful. The conclusion from this study is that the use of mind mapping method is very supportive of the student learning outcomes. Thus, the use of Mind Mapping method can be one of learning methods to be applied to the elementary science teaching.

Keywords: *learning outcomes, mind mapping, learning science.*