MODEL APPLICATION OF COOPERATIVE LEARNING TYPE JIGSAW TO IMPROVE STUDENT LEARNING OUTCOMES ON THE SUBTHEME OF ENERGY ALTERNATIVE

(Action class research on grade IV students of 032 Tilil State school District Bandung school year 2019/2020)

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ABSTRACT

This study is entitled " Model Application Of Cooperative Learning Type Jigsaw To Improve Student Learning Outcomes On The Subtheme Of Energy Alternative". which was backed by the low learning outcomes of grade IV students at SDN 032 Tilil. This research is based on the findings of the learning observation activities that educators use less varied, resulting in low student learning outcomes because students are less enthusiastic about each lesson. The study uses class action research (PTK) with a cycle system consisting of planning, implementing, observation, analysis and reflection. The study was implemented in 3 cycles. The instruments used in this study are observations, tests, interviews and documentation. The results showed that the application of cooperative learning type jigsaw models could improve student learning outcomes with planning and implementation in accordance with Permendikbud No. 22 year 2016. In addition, the cooperative learning type jigsaw model can also improve the attitude of discipline, responsibility, communicating skills on each cycle. The results were demonstrated in the attitude of discipline cycle I of 59%, cycle II of 72%, Cycle III 83%. The assessment results in the attitude of responsibility on the I cycle of 56%, cycle II 78%, and cycle III 83%. Subsequent assessment of the cycle I evaluation sheet was 53%, cycle II of 78, and cycle III by 87%. While on the skill of communicating, at cycle I of 53%, in cycle II 73%, and cycle III 81%.. Based on the data obtained it can be concluded that learning by using Discovery Learning model can improve students ' learning outcomes in the energy alternative subtheme in class IV SDN 032 Tilil.

Key words: *Cooperative Learning Type Jigsaw*, **Learning Outcomes**