This study aims to improve students' motivation and learning outcomes through the learning model of Discovery learning on Subthemes of Change in the form of objects. This research was conducted in SDN Dangiang 2 with background of student condition which showed less motivation to learn and low result of less student learning from KKM in learning because teacher often use lecture method and not yet implement the learning model of Discovery learning. This research use Class Action Research method PTK) using a cycle system consisting of planning, execution, observation, analysis and reflection. The study was conducted in 3 cycles with each cycle applying the learning model of Discovery learning consisting of 5 stages, providing orientation on the problem to the students, organizing the students to research, guiding the students' inquiry independently as well as the group, developing and presenting the work, analyzing and evaluate the problem-solving process, evaluation techniques used in this study is a test technique to determine student learning outcomes and non-test techniques to determine student learning activities. The results showed that the use of Discovery learning model can improve the motivation and student learning outcomes. It can be seen from the average value of the increase in student learning motivation from cycle I to cycle III, that is in cycle 1 2.3 with good category cycle 2 2.86 good category and 3.00 cycles with good category. The conclusion of this research is that the use of Discovery learning model is very supportive to the increase of learning motivation and student learning outcomes. Thus the application of the model of Discovery learning can be used as one of the learning models to be applied to Subthemes of Change in the form of objects.

Keywords: Discovery learning, Motivation  Student Learning Outcomes.