This study is based on the low learning outcomes of students and low student activity during the learning process. The low learning outcomes of students affected by the lack of understanding of learning materials caused by the delivery of materials centered on the teacher so that learning becomes tedious and students become passive in following the learning. This class action research was conducted in the fourth grade of SDN Arahan Lor II of Indramayu Regency. Efforts to improve student activities and learning outcomes by applying Contextual Teaching and Learning approaches as an alternative to problem solving and as a strategy to improve learning problems. In this research, the subject is the fourth grade students of SDN Arahan Lor II, which consists of 25 students, 13 women and 12 men. This research model uses Classroom Action Research (PTK) Kemmis and Taggart model. This study consists of 2 cycles that each cycle consists of stages of planning, implementation, observation, and reflection. Each cycle consists of 2 meetings. The results showed an increase in the average value seen from the activities and student learning outcomes and teacher observation. In the pretest and posttest knowledge appraisal, the average value of cycle I is pretest 58 and postest 82.8, and the average value of cycle II is pretest 66 and postest 90.8. Average score In the assessment of responsibility attitude and discipline Cycle I is 74.6 and 72, Cycle II is 96 and 91.3. And the average score on the skill assessment of cycle I is 76, and the second cycle is 95. And the activity of the students in the first cycle is 66.6 and the second cycle is 83.86. This means there has been a change in the quality improvement of learning, therefore it can be said to be successful. The conclusion obtained from this research is that the use of Contextual Teaching and Learning approach is very supportive to student learning outcomes. Thus, the use of Contextual Teaching and Learning approach is used as one of the learning methods to be applied to the learning of energy source subtema.

Keywords: learning outcomes, activities, Contextual Teaching and Learning.