

**MODEL APPLICATION CONTEXTUAL TEACHING AND LEARNING
(CTL) CAREFULLY TO IMPROVE ATTITUDES AND LEARNING
OUTCOMES IN LEARNING ABOUT IPA RESPIRATORY DEVICES IN
CLASS V SDN PANGGUH**

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ABSTRACT

Classroom action research was conducted in class V SDN Pangguh village Ibum Bandung regency. Learning science in SDN Pangguh still tend to the theoretical capacity only where the concepts being taught a lesson of knowledge and a lack of attribution to the real behavior of students in their environment. Based on the experience of researchers for teaching and see the reality on the ground discovered some problems such as the students are less active during the learning, where teachers still dominate student activities. Another problem found by the researchers is the lack of conscientious and student learning outcomes at the time of learning science, the value of student learning outcomes in the material means of breathing is still below minimum completeness criteria (KKM) is 70. So to solve that problem been one approach to learning creating a learning experience for the students, so that the material to be understood students. the right approach in this study is the approach Contextual Teaching and Learning (CTL). CTL approach a concept study that links between what is taught with real-world situation students and encourage students to make connections between the knowledge possessed by the application in daily life that are related to the topic of IPA. This study conducted in two cycles, each cycle performed in two meetings. The subject of research as many as 33 students consisting of 17 male students and 16 female students. Targeted research is successful if 80% of students got very good category for accuracy and get a score above KKM is 70 in science subjects. In the first cycle of students reached 60% accuracy while the student learning outcomes, namely 63%. In the second cycle accuracy and increased student learning outcomes, namely 85% for thoroughness and 85% For student learning outcomes. From the observation of each cycle, the students showed positive results towards learning science by using models Contextual Teaching and Learning (CTL). This empirically shaped Classroom Action Research (PTK). Based on these results it can be concluded that the application of the model Contextual Teaching and Learning (CTL) in science teaching can improve the precision and student learning outcomes in the material means of breathing in class V SDN Pangguh Ibum districts of Bandung regency.

Keywords: Contextual Teaching and Learning (CTL), carefully attitude, Learning Outcomes