**PROBLEM BASED LEARNING MODEL APPLICATION TO IMPROVE STUDENT LEARNING AND ACHIEVEMENT OF LIVELINESS ON THE CONCEPT OF EARTH AND MATERIAL SCIENCE OF THE UNIVERSE IN CLASS THREE SDN (STATE ELEMENTARY SCHOOL) 2 KONDANGSARI**

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**ABSTRACT**

Class action research (CAR) is implemented with the aim to improve student learning and achievement of liveliness on the concept of Earth and material SCIENCE of the universe in the classroom especially primary school III. The research was distributed by findings in observation activities in class III SDN 2 Kondangsari Cirebon district describing the liveliness of grade III in particular is still low and more active play yourself than listening to the teacher with no explanation satisfy the KKM has set school. Based on the results of the study class action that has been performed, the obtained data that by using Problem Based Learning models can improve student learning and achievement may be in the process of learning in class III SDN 2 Kondangsari Cirebon district. This is evidenced by an increase in the percentage of liveliness and achievements studying each cycle. On cycle I the percentage of increase the liveliness of students acquired for 72%, while the percentage increase in cycle II liveliness students obtained amounted to 82%, increase by 10% so it is included in both categories. On cycle I the percentage increase in the learning achievements acquired for 67.2%. While on cycle II a percentage increase in the learning achievements acquired for 84%, there was an increase of 16.8% so it is included in the category of good. The percentage increase in the learning achievements of liveliness and shows that each cycle there are always changes in students that enhance student learning and achievement of liveliness. Thus it can be concluded that by using Problem Based Learning models can increase the liveliness and student learning outcomes on the concept of Earth and material Science of the universe in the classroom III SDN 2 Kondangsari Cirebon district.

**Key words**: 1. Problem Based Learning Model

2. The liveliness of the students

3. The Learning achievements