

**PROBLEM BASED LEARNING MODEL AS A RESULT EFFORTS TO
INCREASE STUDENTS' SELF CONFIDENCE IN LEARNING MATH
FOR FOURTH GRADERS OF SDN CEMPAKA PUTIH BARAT
17 PAGI SENEN CENTRAL JAKARTA
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ABSTRACT

The purpose of this research is to increase the students' confidence in learning mathematics using problem based learning model for fourth graders of SDN Cempaka Putih Barat 17 Pagi Senen Central Jakarta. Research was conducted at the SDN Cempaka Putih Barat 17 Pagi Senen, located on Jalan Cempaka Putih Barat XIV No. 15 Senen Sub-district, Central Jakarta. The research conducted from September 2016 until December of 2016. The method used was classroom action research with four stages in each cycle includes planning, action, observation and reflection. The research was performed three times in the first cycle. The substance subject in this study was mathematics where the fraction material uses the curriculum of 2013. The research results of problem based learning has been proved to be able to improve students' confidence in learning mathematics. The confidence percentage of the students in the first cycle achieved 64% of the total number of students who received a score of ≥ 120 , with a theoretic score of 30-150 that has been determined and has increased significantly in the second cycle at 92%. The achievement of the observations from the monitoring action of teachers in the first cycle in the first meeting was 68.75%, the second meeting was 75%, and in the third meeting was at 82.5%. The increase in the second cycle in the first meeting was 88.75%, while the second meeting reached 93.75%, and in the third meeting was at 98.75%. Acquisition of the observations from the monitoring activity of students in the first cycle in the first was 70%, the second meeting reached 75%, and in the third meeting was gained 80%. The increase in the second cycle in the first meetings was 87.5%, and the second meeting was at 95%, while the third one was at 97.5%. The implication of this study is that the problem-based learning model can be used as one of the ways to enhance students' confidence in learning mathematics for fourth graders of elementary school.

Keywords: *Problem-Based Learning, Confidence in Learning Mathematics and Fraction.*