

THE EFFECT OF THE USE OF THE NUMBER LINE LEARNING MEDIA ON  
THE PROCESS AND LEARNING OUTCOMES OF ELEMENTARY SCHOOL  
STUDENTS

*(Quasi Eksperiment Research in Class IV Elementry School Student in Buah Batu  
Cluster 36 District of Bandung City)*

By  
ABSTRACT  
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*The research in this thesis is motivated by the low student learning outcomes. Therefore to improve student learning outcomes researchers apply a media picture in the learning process. This research was conducted at 230 Margahayu Raya Elementary School and 131 Cijawura Elementary School in class IV. The purpose of this study is: To determine the effect of the use of instructional media number lines on the learning process and outcomes in class IV. This research uses a quantitative approach, the type of research is a quasi-experimental research design (quasi-experimental) with the design model used is nonequivalent control group design. The population in this study were fourth grade students at SDN 230 Margahayu Raya and SDN 131 Cijawura, Bandung City with a total of 186 students. The sampling technique used was purposive sampling, with class IV C at SDN 131 Cijawura as the control class and class IV B at SDN 230 Margahayu Raya as the experimental class. Data collection techniques and instruments used by researchers were 1) tests, 2) interviews, 3) observation sheets. Research instruments in the form of interviews and observation sheets to measure the process of using number lines and posttest tests to measure student learning outcomes after being treated. The results showed that there was a significant effect of the number line media on the process and student learning outcomes. This is indicated by the average value of experimental class learning outcomes of 81.66, while in the control class of 70.*

*Keywords: Use of Number Line Media, Student Learning Processes and Results.*