

ABSTRACT

The Effectiveness of Learning Mathematics Using *WhatsApp Groups* for Grade Four Students Online in Elementary Schools

By :

Titis Praketisiwi

175060168

The purpose of this study was to describe the effectiveness of learning mathematics using *WhatsApp Group* on online fourth grade elementary school students. This research is a qualitative research. Data collection methods used are observation, questionnaires or questionnaires and documentation. The subjects of this study were teachers and fourth grade students at SDN Nanjung. The effectiveness of learning is an effort that is very influential on student learning outcomes but also on the learning process, an effective learning process if the learning process and the results obtained are achieved. In the midst of the Covid-19 pandemic that occurred in Indonesia, the teaching and learning process in the classroom became distance learning by utilizing currently available technology. The results of research based on observations and questionnaires show that teachers are very effective in using *WhatsApp Groups* as learning media, such as providing learning materials in the form of images, videos and soft files. The submission of assignments can be in the form of photos or by filling out soft files. All the main learning activities are carried out by utilizing the *WhatsApp Group* media. The numeracy skills of fourth graders in elementary schools are still lacking. So that students have to practice again in counting by repeating the multiplication of 1-10. At SDN Nanjung, face-to-face learning has been carried out, so that every day students come to the front of the class to deposit multiplication memorization. Thus the effectiveness of learning mathematics using *WhatsApp Group* has been effective in grade IV SDN Nanjung Kec. Ciwidey.

Keywords: Effectiveness, *WhatsApp Group*