

ABSTRACT

**Application of Guided Inquiry Learning Model Learning To Enhance Student Result
Against Understanding The Volume Tubes And Cones In Class VI In SDN Pinggir
Sumenep Academic Year 2019-2020.
Ubaidah Arki Noradin**

Keywords: Model Guided Enquiry Learning, Result are Learning, Tubes and Cones

Students consider mathematics is to be a difficult, boring and underinteresting subject, so often students feel tired, dizzy, sleepy, and hungry. If this kind of conditions is still enforced, then it will happen then is that students simply follow the lessons without understanding what the teacher is explaining. This study is intended to achieve effective learning strategies for creating meaningful learning conditions that will enable better students to better students studies. The purpose of guided inquiry learning to enhance students study result against understanding the volume of the tube and cone in class VI in SDN Pinggir Papas II Academic 2019-2020 school year.

This study used a qualitative approach and the type of research is classroom action research (PTK). The research was conducted on a class VI Iin SDN Pinggir Papas II Academic 2019-2020 school year its comporsed of 36 students.

Based on analysis of data obtained results from following Analysis: (1) the preliminary study activities (pre-cycle) obtained data from only 14 students (40%) who experienced completeness and 22 students (60%) were not completed, (2) the I cycle there were 19 students (52.5%) were completed and 17 students (47.5%) who did not complete. While in the second cycle, there are 31 students (82.5%) were completed and 5 students (17.5%) were not completed, (3) there is a significant increase in research activity cycle II. It is seen from the percentage of completeness which has risen from 52.5% increased to 82.5% with an increase of about 30%. Of the overall data obtained can be interpreted that the application of mathematical learning using guided inquiry learning model for understanding learning the volume of the tubes an cones can increase the result of student class VI in SDN Pinggir Papas II Academic 2019-2020 scholl year.