

**THE INFLUENCE OF THE DISCOVERY LEARNING MODEL
ASSISTED BY UNIT SQUARE PLOT MEDIA ON ELEMENTARY
SCHOOL STUDENTS' UNDERSTANDING OF
MATHEMATICAL CONCEPTS**

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ABSTRACT

The background to this research is the low ability to understand students' concepts at SDN 223 Bhakti Winaya. This research aims to: (1) Knowing the description of the student learning process using the discovery learning model assisted by unit square plot media; (2) Knowing that the ability to understand mathematical concepts of students who use the discovery learning model assisted by unit square plot media better than students who use the conventional model; (3) Knowing the effect of the discovery learning model assisted by unit square plot media on the ability to understand mathematical concepts. The research method used is quasi-experimental research with a non-equivalent control group design. This research was aimed at third grade students at SDN 223 Bhakti Winaya. The total population in this study was 50 students with 25 students in class III A and 25 students in class III B. The research samples taken were class III A as the experimental class and class III B as the control class. Data collection techniques use observation sheets, documentation, and tests of ability to understand mathematical concepts. After being tested, the test instrument for the ability to understand mathematical concepts was declared to meet the reliable requirements. Based on data processing and analysis, the following results were obtained: (1) The description of the learning process was stated to be good and in accordance with the stages of the discovery learning model; (2) The ability to understand mathematical concepts of students who use the discovery learning model assisted by unit square plot media better than students who use the conventional model; (3) The discovery learning model assisted by unit square plot media has a big influence on elementary school students' ability to understand mathematical concepts.

Keywords: Discovery Learning Model, Unit Square Plot Media, Understanding Mathematical Concept.