

SIMPLE EXPERIMENT WORKSHOP FOR ELEMENTARY SCHOOL TEACHERS OF CLASS 4 AND 5 BASED ON WASTE UTILIZATION IN BANTUL DISTRICT

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ABSTRACT

Science learning does not have to be done in the classroom, or by using good and sophisticated laboratory equipment let alone computerized. Science learning can be done outside the classroom and can be done various forms of activities, such as experiment activities. The main purpose of this activity is to re-type the kinds of experiment that can be done as well as to strengthen the understanding of the concept. While the other goal is for teachers to innovate and improvise the activities that are being built with the science lab.

This activity is carried out with experiments conducted in groups and begins by providing a module that contains guidelines for the implementation of the practicum and the end of explanation and the physical meaning. This activity is done in the classroom and outside the classroom. The types of experiment performed are Mechanics (GLB and GLBB), Calor (Change of Being), Waves, Optics (lens and mirror), Electricity and Magnetism, Earth and Universe, and Gas Balloon.

Evaluation done during the workshop consisted of 2 forms, they were performance evaluation done by the team and questionnaire for the participant. From performance evaluation, the participant got average activity score of 83,30 which is categorized as good and the evaluation of teachers during the course of 91.46 is included in the category very well. From questionnaire, the workshop is needed to add experience and knowledge in science.

Kata Kunci: *science experiment, science instruction*