

ABSTRACT

The Influence of Experimental Methods on Increasing the Science Literacy of Grade 3 Students on Energy Changes in SDN Karanganyar: 2025. Juliyana

Keywords: Methods, Experiments & Scientific Literacy

The purpose of this research is to find out how much influence the use of experimental methods has on increasing the scientific literacy of grade 3 students on energy change material at SDN Karanganyar. Therefore, a learning method is needed that invites students to carry out an experiment (experiment).

This research uses quantitative methods that reveal findings by statistically processing data obtained in the field. This research uses quantitative methods with true experimental design. The data collection method used by researchers is using written tests (multiple choice) and documentation. To answer the problem formulation in this research, it is necessary to test the hypothesis, namely the t test.

The results of the research showed that scientific literacy skills in energy change material in the experimental class were higher than in the control class. Thus, the experimental method has an influence on increasing students' scientific literacy.