

## ABSTRAK

**Anggun Anggriani, 2022.** Pengaruh Model Pembelajaran Generatif Berbantuan Lembar Kerja Peserta Didik (LKPD) Terhadap Keterampilan Proses Sains Dan Hasil Belajar IPA Materi Kalor Siswa Kelas V Sekolah Dasar Gugus II Kecamatan Tamalate. Dibimbing oleh Syarifuddin Kune dan Sitti Fithriani Saleh.

Penelitian ini bertujuan 1) untuk mengetahui ada pengaruh model pembelajaran generatif berbantuan lembar kerja peserta didik (LKPD) terhadap keterampilan proses sains materi kalor siswa kelas V Sekolah Dasar Gugus II Kecamatan Tamalate; 2) untuk mengetahui ada pengaruh model pembelajaran generatif berbantuan lembar kerja peserta didik (LKPD) terhadap hasil belajar IPA materi kalor siswa kelas V Sekolah Dasar Gugus II Kecamatan Tamalate; 3) untuk mengetahui ada pengaruh model pembelajaran generatif berbantuan lembar kerja peserta didik (LKPD) dan tanpa berbantuan lembar kerja peserta didik (LKPD) terhadap keterampilan proses sains dan hasil belajar IPA materi kalor siswa kelas V Sekolah Dasar Gugus II Kecamatan Tamalate. Penelitian ini menggunakan pendekatan kuantitatif dengan metode quasi eksperimen (*Nonequivalent Control Group Design*) yang melibatkan 60 sampel berdasarkan *purposive sampling* kelas V di SD Inpres Malengkeri Bertingkat 1 yang dibagi menjadi 2 kelas, yakni kelas eksperimen dan kelas kontrol, kemudian dilakukan *pre-test* dan *post-test* pada dua kelas tersebut. Hasil penelitian ini menunjukkan, bahwa penerapan model generatif berbantuan lembar kerja siswa (LKPD) secara deskriptif dapat dikemukakan bahwa keterampilan proses sains nilai rata-rata kelas eksperimen adalah 96,00 sedangkan kelas kontrol adalah 77,83. Sedangkan dalam hasil belajar nilai rata-rata kelas eksperimen adalah 85,40, sedangkan kelas kontrol adalah 75,60. Berdasarkan hasil analisis uji *Multivariate Tests* menunjukkan pada baris generatif-LKPD bahwa nilai signifikansi baik *Pillai's Trace*, *Wilks' Lambda*, *Hotelling's Trace* dan *Roy's Largest Root* diperoleh sebesar  $0,000 < 0,05$  atau lebih kecil dari r-tabel. Maka dengan demikian  $H_0$  ditolak dan  $H_a$  diterima, jadi terdapat pengaruh model pembelajaran generatif berbantuan lembar kerja peserta didik (LKPD) terhadap keterampilan proses sains dan hasil belajar IPA materi kalor siswa kelas V Sekolah Dasar Gugus II Kecamatan Tamalate.

Kata kunci: model pembelajaran generatif, keterampilan proses sains, hasil belajar.

## ABSTRACT

**ANGGUN ANGGRIANI, 2022.** The Influence of Generative Learning Model Assisted by Student Worksheets (LKPD) on Science Process Skills and Science Learning Outcomes about "Heat Material" Topic for Class V Elementary Schools, Cluster II, Tamalate District. Supervised by Syarifuddin Kune and Sitti Fithriani Saleh.

This study aimed at finding out 1) Is there any influence of the generative learning model assisted by student worksheets (LKPD) on the science process skills of "Heat Material" topic at students in class V Elementary School Cluster II, Tamalate District; 2) Is there any influence of the generative learning model assisted by student worksheets (LKPD) on the science learning outcomes of "Heat Material" Topic at class V Elementary School Cluster II Tamalate District; 3) Is there any influence of the generative learning model assisted by student worksheets (LKPD) and without the assistance of student worksheets (LKPD) on science process skills and science learning outcomes in "Heat Material" Topic at class V Elementary School Cluster II Tamalate District.

This study deployed a quantitative approach with a quasi-experimental method (Nonequivalent Control Group Design) which involved 60 samples based on random sampling of class V at SD Inpres Malengkeri Level 1 which was divided into 2 classes, namely the experimental class and the control class, then pre-test and post-test on the two classes.

The results of this study indicated that the application of the generative model assisted by student worksheets (LKPD) descriptively can be stated that the science process skills average value of the experimental class was 96.00 while the control class was 77.83. While in learning outcomes the average value of the experimental class was 85.40, while the control class was 75.60.

Based on the analysis results of the Multivariate Tests, it was shown on the generative line-LKPD that the significance value of Pillai's Trace, Wilks' Lambda, Hotelling's Trace and Roy's Largest Root was  $0.000 < 0.05$  or smaller than the  $t$ -table. So  $H_0$  was rejected and  $H_a$  was accepted, so there was an influence of the generative learning model assisted by student worksheets (LKPD) on science process skills and science learning outcomes for "Heat Material" Topic at class V Elementary School Cluster II Tamalate District.

**Keywords:** *Generative Learning Model, Science Process Skills, Learning Outcomes.*

