

**PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK
UNTUK MENINGKATKAN KETERAMPILAN BERPIKIR KRITIS
PADA MATERI SUHU DAN KALOR**

TESIS

diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar
Magister Pendidikan Program Studi Pendidikan Dasar



oleh

**Neni Winarni
NIM. 1806302**

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Neni Winarni, 2020

*PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK DALAM MEMUNCULKAN KETERAMPILAN
BERPIKIR KRITIS PADA MATERI SUHU DAN KALOR*

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**PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK
DALAM MEMUNCULKAN KETERAMPILAN BERPIKIR KRITIS
PADA MATERI SUHU DAN KALOR**

Oleh
Neni Winarni

S.Pd.Universitas Pendidikan Indonesia, 2009

Sebuah tesis yang diajukan untuk memenuhi salah satu syarat memperoleh gelar Magister Pendidikan (M.Pd.) pada Program Studi Pendidikan Dasar

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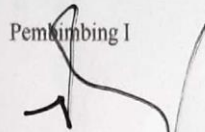
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NENI WINARNI

**PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK
DALAM MEMUNCULKAN KETERAMPILAN BERPIKIR KRITIS
PADA MATERI SUHU DAN KALOR**

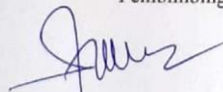
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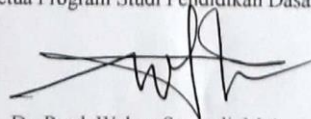
Dr. H. Agus Muharam, M.Pd.
NIP. 19580811197803100

Pembimbing II



Dr. H. Atep Sujana, M.Pd.
NIP. 197212262006041001

Mengetahui
Ketua Program Studi Pendidikan Dasar



Dr. Paed. Wahyu Sopandi, M.A.
NIP. 196605251990011001

ABSTRAK

PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK DALAM MEMUNCULKAN KETERAMPILAN BERPIKIR KRITIS PADA MATERI SUHU DAN KALOR

Neni Winarni

Penelitian ini dilatarbelakangi oleh belum munculnya keterampilan berpikir kritis peserta didik dalam pembelajaran IPA yang tampak dalam pengisian LKPD ketika dilakukannya kegiatan praktikum. Penelitian ini merupakan penelitian pengembangan yang bertujuan untuk mengetahui: 1) rancangan LKPD berbasis POE; 2) implementasi LKPD berbasis POE dan 3) hasil implementasi LKPD berbasis POE dalam memunculkan keterampilan berpikir kritis peserta didik kelas V SDN Cibala Kecamatan Jatinunggal Kabupaten Sumedang pada materi suhu dan kalor. Metode penelitian ini adalah deskriptif kualitatif dengan desain pengembangan model ADDIE yang dilakukan melalui lima tahapan yaitu *analysis, design, development, implementation and evaluation*. Instrumen yang digunakan yaitu lembar validasi, lembar observasi, angket dan tes. Pengumpulan data dilakukan dengan cara uji validitas, pengisian lembar observasi, pengisian angket dan tes. Teknik analisis data dilakukan dengan deskriptif kualitatif yaitu melalui penskoran, persentase, interpretasi kemudian pendeskripsian setiap aspeknya. Hasil dari penelitian ini yaitu : 1) Rancangan LKPD berbasis POE dibuat sesuai dengan tahapan POE (*predict, observe, explain*) yang diintegrasikan dengan indikator keterampilan berpikir kritis; 2) Implementasi LKPD berbasis POE pada kegiatan praktikum termasuk pada kategori “baik” dan 3) Hasil implementasi LKPD berbasis POE pada pengisian LKPD dan pada hasil tes termasuk pada kategori “baik”. Dengan demikian dapat peneliti simpulkan bahwa pengembangan LKPD berbasis POE dapat memunculkan keterampilan berpikir kritis peserta didik.

Kata kunci : *Lembar Kerja Peserta Didik, POE, keterampilan berpikir kritis, peserta didik, suhu dan kalor*

ABSTRACT

THE DEVELOPMENT OF STUDENT WORKSHEETS IN EMERGING CRITICAL THINKING SKILLS ON TEMPERATURE AND HEAT MATERIAL

Neni Winarni

This research is motivated by the lack of emergence of students' critical thinking skills in learning science that appears in filling LKPD when doing practical activities. This study aims to determine : 1) the design of student worksheet based on POE strategy; 2) the implementation and 3) the results of the implementation of POE-based LKPD in eliciting critical thinking skills of fifth grade students of SDN Cibala, Jatinunggal District, Sumedang Regency. This research method is descriptive qualitative research design using ADDIE model development design. In developing LKPD with ADDIE model, it is carried out through five stages, namely analysis, design, development, implementation and evaluation. The instruments used consisted of LKPD validation questionnaires, observation sheets, student response questionnaires, teacher assessment questionnaires, and tests. Data collection techniques were carried out by means of validity testing, filling in observation sheets, filling out questionnaires and tests. Data analysis techniques were carried out descriptive qualitative by means of scoring, percentaging and describing. The findings in this study are: 1) The design of POE-based LKPD is made according to the stages of POE (predict, observe, explain) in which there are indicators of critical thinking skills; 2) The implementation of POE-based LKPD in practicum activities is included in the "good" category and 3) The results of the implementation of POE-based LKPD both on filling LKPD and on the test results included in the category of "good". Thus the researchers can conclude that the development of POE-based LKPD can bring out students' critical thinking skills.

Keywords: *LKPD, POE, critical thinking skills, student, temperature and heat material*

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