# ABSTRAK

## PENGARUH LKPD BERBASIS INKUIRI TERBIMBING TERHADAP KETERAMPILAN PROSES SAINS PADA MATA PELAJARAN IPAS PESERTA DIDIK KELAS IV SEKOLAH DASAR

**Oleh**

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Masalah dalam penelitian ini adalah rendahnya keterampilan proses sains pada mata pelajaran IPAS peserta didik kelas IV sekolah dasar. Penelitian ini bertujuan untuk mengetahui pengaruh LKPD berbasis inkuiri terbimbing terhadap keterampilan proses sains pada mata pelajaran IPAS peserta didik kelas IV sekolah dasar. Metode penelitian yang digunakan adalah eksperimen semu (*quasi eksperimental design*) dengan desain *non-equivalent control group design*. Populasi pada penelitian ini yaitu seluruh peserta didik kelas IV berjumlah 80 orang peserta didik, sedangkan sampel berjumlah 53 orang peserta didik yang diambil menggunakan teknik *purposive sampling*. Pengumpulan data dilakukan menggunakan teknik tes dan non tes. Uji prasyarat analisis data menggunakan uji normalitas dan homogenitas. Uji hipotesis menggunakan uji regresi linear sederhana dengan hasil penelitian menunjukkan bahwa terdapat pengaruh dari penerapan LKPD berbasis inkuiri terbimbing terhadap keterampilan proses sains pada mata pelajaran IPAS peserta didik kelas IV sekolah dasar.

**Kata Kunci:** inkuiri terbimbing, IPAS, keterampilan proses sains, LKPD

**ABSTRACT**

**THE EFFECT OF GUIDED INQUIRY-BASED LKPD ON SCIENCE PROCESS SKILLS IN THE IPAS SUBJECT OF GRADE IV ELEMENTARY SCHOOL STUDENTS**

**By**

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The problem addressed in this study was the low level of science process skills in the IPAS subject among fourth-grade elementary school students. This study aimed to determine the effect of guided inquiry–based student worksheets (LKPD) on students' science process skills in the IPAS subject at the fourth-grade elementary school level. The research method employed was a quasi-experimental design using a non-equivalent control group design. The population of this study consisted of all fourth-grade students totaling 80 students, while the sample comprised 53 students who were selected using purposive sampling techniques. Data were collected through test and non-test methods. The prerequisite analysis tests included normality and homogeneity tests. Hypothesis testing was conducted using simple linear regression analysis. The results of the study indicated that the implementation of guided inquiry–based LKPD had a significant effect on the science process skills of fourth-grade elementary school students in the IPAS subject.

**Keywords**: guided inquiry, IPAS, science process skills, LKPD