ABSTRAK

PENGEMBANGAN LKPD BERBASIS *SCIENTIFIC APPROACH* UNTUK MENINGKATKAN KETERAMPILAN PROSES SAINS PESERTA DIDIK SEKOLAH DASAR

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Penelitian dan pengembangan ini bertujuan untuk menghasilkan produk berupa LKPD pembelajaran berbasis *Scientific Approach* yang valid, praktis dan efektif untuk meningkatkan keterampilan proses sains peserta didik kelas V Sekolah Dasar. Metode penelitian ini adalah penelitian pengembangan yang mengacu desain Borg&Gall. Penelitian di lakukan bagi peserta didik kelas V UPT SDN 5 Kresnomulyo. Jenis penelitian ini menggunakan jenis *Research and Development* (R&D) atau penelitian dan pengembangan yang dilakukan mengacu pada model desain Borg & Gall. Hasil penelitian ini menunjukkan bahwa LKPD berbasis *Scientific Approach* yang dikembangkan valid berdasarkan hasil validasi ahli, praktis berdasarkan hasil angket respon pendidik dan peserta didik, serta efektif berdasarkan hasil uji *N-Gain* dan *Independen sample t-test* memperoleh nilai signifikan 0,001<0,05 yang menunjukkan bahwa LKPD berbasis *Scientific Approach* efektif dalam meningkatkan keterampilan proses sains aspek mengamati, mengklasifikasikan, mengukur, dan menyimpulkan.

Kata kunci: Keterampilan Proses Sains, LKPD, *Scientific Approach*.

ABSTRACT

DEVELOPMENT OF LKPD BASED ON SCIENTIFIC APPROACH TO IMPROVE SCIENCE PROCESS SKILLS OF STUDENTS PRIMARY SCHOOL

By

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This research and development aims to produce products in the form of valid, practical and effective Scientific Approach-based learning worksheets to improve the science process skills of fifth grade elementary school students. This research method is development research that refers to the Borg&Gall design. The research was conducted for fifth grade students of UPT SDN 5 Kresnomulyo. This type of research uses the type of Research and Development (R&D) or research and development carried out referring to the Borg & Gall design model. The results of this study indicate that the Scientific Approach-based worksheets that were developed are valid based on the results of expert validation, practical based on the results of the questionnaire responses of educators and students, and effective based on the results of the N-Gain test and the Independent sample t-test obtained a significant value of 0.001 <0.05 which means shows that Scientific Approach-based worksheets are effective in improving science process skills in observing, classifying, measuring, and inferring aspects.

Keywords: Science Process Skills, LKPD, Scientific Approach.