ABSTRAK

PENGEMBANGAN LKPD BERBASIS INKUIRI TERBIMBING BERBANTUAN *AUGMENTED REALITY* UNTUK MENSTIMULASI KETERAMPILAN PROSES SAINS PESERTA DIDIK

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Penelitian ini bertujuan untuk mengembangkan LKPD berbasis inkuiri terbimbing berbantuan *augmented reality* yang valid dan praktis. LKPD yang dikembangkan untuk menstimulasi keterampilan proses sains peserta didik. Penelitian ini menggunakan *Design & Development Research (DDR)* yang terdiri dari 4 tahap yaitu *analysis*, *design*, *development*, dan *evaluation*. Hasil uji validitas yang dilakukan oleh ahli mendapat skor rata-rata sebesar 0,82 dengan kategori valid. Kepraktisan produk dinilai dari aspek keterbacaan, aspek persepsi guru, dan aspek respon peserta didik dengan memperoleh persentase rata-rata sebesar 92% dengan kategori sangat praktis. Berdasarkan hasil analisis data disimpulkan bahwa produk hasil pengembangan LKPD berbasis inkuiri terbimbing berbantuan *augmented reality* telah valid dan praktis untuk menstimulasi keterampilan proses sains peserta didik.

Kata kunci: *Augmented Reality*, Inkuiri Terbimbing, Keterampilan Proses Sains, LKPD

ABSTRACT

DEVELOPMENT OF GUIDED INQUIRY-BASED STUDENT WORKSHEETS ASSISTED BY AUGMENTED REALITY TO STIMULATE STUDENTS' SCIENCE PROCESS SKILLS

By

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This study aims to develop a guided inquiry-based student worksheet (LKPD) assisted by augmented reality that is valid and practical. The developed LKPD is intended to stimulate students' science process skills. This research employs the Design & Development Research (DDR) model, which consists of four stages: analysis, design, development, and evaluation. The validity test results conducted by experts yielded an average score of 0.82, which falls into the valid category. The product's practicality was assessed based on readability, teachers' perceptions, and students' responses, with an average percentage of 92%, categorized as highly practical. Based on the data analysis, it can be concluded that the developed guided inquiry-based LKPD assisted by augmented reality is valid and practical for stimulating students' science process skills.

Keywords: *Augmented Reality, Guided Inquiry, Science Process Skills, Student Worksheet*