

ABSTRAK

ASTRIA AYU RAMADIANTI. 8196181007. Pengembangan LKPD Berbasis Model Pembelajaran *Project Based Learning* Untuk Meningkatkan Kemampuan Berpikir Kreatif Matematis Siswa Kelas V Sekolah Dasar. Tesis. Medan: Program Studi Pendidikan Dasar, Program Pascasarjana Universitas Negeri Medan, 2021.

Penelitian ini bertujuan untuk; Menganalisis validitas LKPD berbasis model pembelajaran *Project Based Learning* pada materi bangun ruang sisi datar kubus dan balok; Menganalisis kepraktisan LKPD berbasis model pembelajaran *Project Based Learning*; Menganalisis efektivitas LKPD berbasis model pembelajaran *Project Based Learning*; Menganalisis peningkatan kemampuan berpikir kreatif matematis siswa melalui pengembangan LKPD berbasis model pembelajaran *Project Based Learning* pada materi bangun ruang sisi datar kubus dan balok. Adapun subjek dari penelitian ini adalah siswa kelas V SD Negeri 101736 Medan Krio, sedangkan objek dalam penelitian ini adalah LKPD berbasis model pembelajaran *Project Based Learning*. Jenis penelitian ini adalah penelitian pengembangan dengan model Dick and Carey. Hasil penelitian ini menunjukkan, Berdasarkan hasil validitas ahli materi 89%, ahli bahasa 89,2%, dan ahli desain 98,2%. Dari hasil validasi LKPD yang dikembangkan maka LKPD termasuk dalam kriteria sangat baik dan dinyatakan valid, serta layak untuk digunakan; LKPD berbasis project dikategorikan praktis karena hasil respon siswa terhadap LKPD diperoleh nilai 90,80% yaitu jika respon siswa lebih besar dari 80%, maka dikatakan siswa memberikan respon positif terhadap LKPD; LKPD efektif karena pada uji coba lapangan hasil persentase ketuntasan klasikal meningkat dari 44,83% menjadi 89,66%, respon siswa positif, dan persentase waktu belajar efektif; Kemampuan berpikir kreatif matematis siswa meningkat, pada *pretest* nilai rata-rata 68,55, sedangkan pada *posttest* nilai rata-rata 87,17.

Kata Kunci : Pengembangan, LKPD, Model Pembelajaran *Project Based Learning*, Berpikir Kreatif.



ABSTRACT

ASTRIA AYU RAMADIANTI. 8196181007. Development of LKPD Based on *Project Based Learning* Model to Improve Mathematical Creative Thinking Ability of Grade V Elementary School Students. Thesis. Medan: Study Program Primary Education, Postgraduate Work at State University of Medan, 2021.

This study aims to; Analyze the validity of the LKPD based on the *Project Based Learning learning* model on the flat side of cubes and blocks; Analyzing the practicality of LKPD based on the *Project Based Learning* model; Analyzing the effectiveness of LKPD based on *Project Based Learning*; Analyzing the improvement of students' mathematical creative thinking skills through the development of LKPD based on the *Project Based Learning* model on the flat side of cubes and blocks. The subjects of this study were fifth grade students of SD Negeri 101736 Medan Krio, while the object in this study was LKPD based on the Project Based Learning model. This type of research is development research with the Dick and Carey model. The results of this study indicate; Based on the results of the validity of material experts 89%, linguists 89.2%, and design experts 98.2%. From the results of the developed LKPD validation, the LKPD is included in the very good criteria and is declared valid, and feasible to use; The project-based LKPD is categorized as practical because the results of the student's response to the LKPD obtained a value of 90.80%, namely if the student's response is greater than 80%, it is said that the student gave a positive response to the LKPD; LKPD is effective because in the field trial the results of the percentage of classical completeness increased from 44.83% to 89.66%, positive student responses, and the percentage of effective learning time; The students' mathematical creative thinking ability increased, the average score was 68.55 in the pretest, while the posttest average was 87.17.

Keywords: Development, LKPD, *Project Based Learning* Model, Creative Thinking.