

ABSTRAK

Lestari, Indah Puji. 2020. *Pengembangan “You-MathBook” untuk Meningkatkan Pemahaman Konsep Perkalian Pada Siswa Kelas V SD Islam Darul Huda Kota Semarang*. Skripsi. Pendidikan Guru Sekolah Dasar. Universitas Islam Sultan Agung. Pembimbing I Rida Fironika, K.D, M.Pd. Pembimbing II Nuhyal Ulia, M.Pd.

Penelitian ini bertujuan untuk mengembangkan bahan ajar matematika pokok bahasan perkalian serta mengetahui kelayakan dan kepraktisannya. Penelitian ini di latarbelakangi kurangnya pemahaman siswa terhadap materi perkalian serta kurangnya referensi selain LKS atau buku paket yang digunakan oleh guru. Keterbaruan dari bahan ajar ini adalah dengan adanya kode QR pada setiap bab yang dapat menghubungkan siswa pada video yang dibuat oleh peneliti dan telah diupload di YouTube. Penelitian ini menggunakan model ADDIE (*Analysis, Design, Development, Implementation, and Evaluate*). Berdasarkan lima tahapan tersebut pengembangan bahan ajar *You-MathBook* dihasilkan persentase kelayakan dari tiga validator sebesar 90.9%, persentase kepraktisan sebesar 84.1 % serta keefektifan dihitung dengan Uji Gain sebesar 0.35 menunjukkan peningkatan hasil belajar siswa pada kategori ‘sedang’. Berdasarkan hasil tersebut bahan ajar *You-MathBook* dinyatakan layak, praktis dan efektif untuk meningkatkan pemahaman konsep perkalian pada siswa kelas V SD Islam Darul Huda Kota Semarang.

Kata Kunci : Buku Matematika, Pemahaman Konsep, Perkalian

ABSTRACT

Lestari, Indah Puji. 2020. Development of "You-MathBook" to Improve Understanding of Multiplication Concepts in Grade V Students of Darul Huda Islamic Elementary School Semarang. Essay. Primary teacher Education. Sultan Agung Islamic University. Advisor I Rida Fironika, K.D, M.Pd. Advisor II Nuhyal Ulia, M.Pd.

This study aims to develop mathematical teaching materials on the subject of multiplication and find out their feasibility and practicality. This research is based on the lack of students' understanding of multiplication material and the lack of references other than worksheets or textbooks used by teachers. The renewal of this teaching material is the presence of a QR code in each chapter that can connect students to videos created by researchers and uploaded on YouTube. This study uses the ADDIE model (Analysis, Design, Development, Implementation, and Evaluate). Based on the five stages, the development of You-MathBook teaching materials resulted in a percentage of eligibility from three validators of 90.9%, a practical percentage of 84.1% and effectiveness calculated with a Gain Test of 0.35 indicating an increase in student learning outcomes in the 'medium' category. Based on these results You-MathBook teaching materials are declared feasible, practical and effective to increase understanding of the concept of multiplication in fifth grade students of Darul Huda Islamic Elementary School in Semarang.

Keywords: Math Book, Concept Understanding, Multiplication