

ABSTRAK

Sari, Tika Wulani. 2023. *Pengembangan Bahan Ajar Matematika Berbasis Discovery Learning Disertai Nilai-Nilai Islam Pada Materi Relasi dan Fungsi di SMP Negeri 3 Batanghari*. Skripsi. Prodi Pendidikan Matematika. Universitas Muhammadiyah Metro. Pembimbing (I) Ira Vahlia, M.Pd, Pembimbing (II) Yeni RahmawatiES., M.Pd.

Kata Kunci: bahan ajar, *discovery learning*, nilai keislaman, pengembangan

Menggunakan bahan ajar dalam pembelajaran akan lebih memberikan kemudahan bagi peserta didik karena disusun secara sistematis dan spesifik. Spesifik artinya hanya menyajikan materi-materi tertentu secara rinci agar lebih mudah dipahami. Bahan ajar dapat membantu peserta didik memahami materi pembelajaran sehingga hasil belajar peserta didik lebih optimal. Tujuan dari penelitian ini adalah menghasilkan bahan ajar berupa Bahan ajar berbasis *discovery learning* disertai nilai-nilai islam, mengetahui besarnya persentase dan kriteria kelayakan produk yang dikembangkan berdasarkan penilaian ahli (desain, materi, dan nilai islam) dan besarnya persentase kepraktisan produk dalam kegiatan pembelajaran berdasarkan hasil uji coba pada peserta didik.

Penelitian ini merupakan penelitian pengembangan dengan prosedur Pengembangan menggunakan model ADDIE (*Analysis, Design, Develop, Implementation, dan Evaluation*). Produk divalidasi pada aspek desain, materi, nilai keislaman, dan diujikan kepada peserta didik berjumlah 10 orang.

Berdasarkan hasil pengembangan yang dilakukan maka dalam penelitian ini menghasilkan produk berupa Bahan ajar berbasis *Discovery Learning* pada materi Relasi dan Fungsi. Bahan ajar ini telah tervalidasi dan teruji. Hasil uji coba produk kepada peserta didik menunjukkan bahwa bahan ajar berbasis *Discovery Learning* pada materi Relasi dan Fungsi dapat membantu peserta didik memahami materi.

ABSTRACT

Tika Wulan Sari. 2022. Development of Mathematical Teaching Materials Based on Discovery Learning Accompanied by Islamic Values in the Relations and Functions Material in SMP Country 3 Batanghari. Undergraduate Thesis. Mathematic Education Study Program, Teacher Training and Education Study Program, Muhammadiyah University of Metro. Advisor (I) Ira Vahlia, M.Pd, Pembimbing (II) Yeni Rahmawati ES., M.Pd.

Keywords: *Teaching Materials, Discovery Learning, Islamic Values, Development*

Using teaching materials in learning will facilitate students because they are arranged systematically and specifically. Specific means that it only presents certain material in detail to make it easier to understand. Teaching materials can help students understand the learning material so that student learning outcomes are more optimal. The purpose of this study was to produce teaching materials in the form of discovery learning-based teaching materials accompanied by Islamic values, to determine the percentage and eligibility criteria for products developed based on expert judgment (design, materials, and Islamic values) and the percentage of product practicality in learning activities. based on the results of tests on students.

This research is a development research, the Development Procedure uses the ADDIE model (Analysis, Design, Develop, Implementation, and Evaluation). In this research, media development was carried out following the steps or procedures for ADDIE development. The product was validated on aspects of design, material, Islamic values, and tested on 10 students.

Based on the results of the development carried out, this research produces a product in the form of Discovery Learning-based teaching materials on the material of Relations and Functions. This teaching material has been validated and tested. The results of product trials to students show that Discovery Learning-based teaching materials on Relation and Functions can help students understand the material.