

ABSTRAK

Penelitian ini bertujuan untuk mengetahui 1) mengetahui implementasi media pembelajaran berbasis *android* di SMP Kanisius Gayam, dan 2) hasil belajar peserta didik setelah penggunaan media pembelajaran pada peserta didik kelas VII SMP Kanisius Gayam.

Penelitian ini merupakan penelitian kualitatif dengan pendekatan deskriptif. Subjek dari penelitian adalah 25 peserta didik SMP Kanisius Gayam kelas VII A. Data penelitian diperoleh melalui tes hasil belajar peserta didik, wawancara dengan guru dan peserta didik, observasi, dan kuesioner. Data selanjutnya dianalisis dengan cara reduksi data, penyajian data, dan penarikan kesimpulan.

Penelitian ini telah mengimplementasikan media pembelajaran berbasis android pada materi bentuk aljabar di Kelas VII SMP. Pembelajaran dilakukan dua kali. Pada pertemuan pertama, pembelajaran matematika belum menggunakan media pembelajaran digital. Media baru dipergunakan pada pertemuan kedua. Pada proses implementasi, peserta didik terlihat antusias dan memiliki semangat untuk belajar. Media pembelajaran yang dipergunakan membantu peserta didik untuk belajar secara mandiri. Berdasarkan hasil observasi, pembelajaran terlaksana dan masuk dalam kategori baik.

Berdasarkan hasil tes peserta didik, diperoleh data sebanyak 20 peserta didik (atau 80%) peserta didik masuk dalam kategori tuntas. Rerata hasil belajar adalah 79,84. Berdasarkan wawancara dengan peserta didik, diketahui bahwa media pembelajaran yang dipergunakan membantu peserta didik dalam memahami materi bentuk aljabar dalam proses pembelajaran. Berdasarkan hasil uji kepraktisan, diperoleh skor persentase 77,06% yang berarti media pembelajaran yang dipergunakan termasuk dalam kategori praktis. Peserta didik mengusulkan perbaikan penambahan video, tampilan, respon media.

Kata Kunci: Bentuk Aljabar, Hasil belajar, Media Pembelajaran Android.

ABSTRACT

Many students consider mathematics a difficult and abstract subject. Learning media can be used to help students understand mathematical concepts. One suitable learning medium in the context of students is Android-based digital learning media. Students are already accustomed in using Android-based smartphones in their daily lives. This study aims to 1) examine the implementation of Android-based learning media at SMP Kanisius Gayam and 2) assess students' learning outcomes after using the learning media in Grade VII at SMP Kanisius Gayam.

This research is a qualitative study with a descriptive approach. The subjects of the study were 25 seventh-grade students from class VII A at SMP Kanisius Gayam. The research data were obtained through student learning outcome tests, interviews with teachers and students, observations, and questionnaires. The data were then analyzed through data reduction, data presentation, and conclusion drawing.

This study implemented Android-based learning media for algebraic expressions in seventh-grade students at SMP. The learning process was conducted twice. In the first session, mathematics lessons were delivered without digital learning media. The media was introduced in the second session. During the implementation process, students showed enthusiasm and motivation to learn. The learning media helped students learn independently. Based on observations, the learning process was carried out effectively and categorized as good.

According to the student test results, 20 students (or 80%) achieved a satisfactory level of mastery. The average learning outcome was 79.84. Interviews with students revealed that the learning media helped them in the learning process. Based on the practicality test results, the media received a percentage score of 77.06%, indicating that it falls under the practical category. Students suggested improvements such as adding videos, enhancing the visual design, and improving media responsiveness.

Keywords: *Algebra, Learning Outcomes, Android Learning Media*