

## ABSTRAK

Penelitian yang dilakukan berupa penelitian pengembangan dengan tujuan menghasilkan media pembelajaran berbasis *android* dengan pendekatan saintifik pada materi himpunan di SMP N 1 Sekampung yang valid dan praktis. Model pengembangan yang digunakan yaitu model pengembangan ADDIE (*Analysis, Design, Development, Implementation, Evaluate*). Subjek penelitian peserta didik kelas VII.3 SMP N 1 Sekampung. Produk yang dihasilkan harus melalui uji validasi materi dan media terlebih dahulu, setelah itu dilakukan uji kepraktisan produk. Berdasarkan hasil aspek kevalidan memenuhi kriteria valid dengan persentase kevalidan sebesar 77%. Berdasarkan hasil uji coba kepraktisan media pembelajaran berbasis *android* dengan pendekatan saintifik memenuhi kriteria sangat praktis dengan persentase kepraktisan sebesar 93%. Berdasarkan kriteria yang diperoleh maka media pembelajaran berbasis *android* dengan pendekatan saintifik pada materi himpunan di SMP N 1 Sekampung yang dikembangkan memenuhi kriteria valid dan praktis.

**Kata kunci** : himpunan; pendekatan Saintifik; pengembangan.

## ABSTRACT

*The research was conducted in the form of development research with the aim of producing an Android-based learning media with a scientific approach to the set material at SMP N 1 Sekampung that was valid and practical. The development model used is the ADDIE development model (Analysis, Design, Development, Implementation, Evaluate). The research subjects were studentsclass VII of SMP N 1 Sekampung. The resulting product must go through a material and media validation test first, after that a product practicality test is carried out. Based on the results of the validity aspect, it meets the valid criteria with a validity percentage of 77%. Based on the results of practical trials of Android-based learning media with a scientific approach, it meets the very practical criteria with a practicality percentage of 93%. Based on the criteria obtained, the android-based learning media with a scientific approach to the set material at SMP N 1 Sekampung that was developed met the valid and practical criteria.*

**Keywords:** *Development; Scientific Approach; Set.*