

ABSTRAK

Anggarini Wawan, 2024. Pengembangan Media Pembelajaran IPA Berbasis Android Berbantuan *Software Smart Apps Creator* Materi Siklus Air Untuk Siswa Kelas V SD Pertiwi 2 Kota Ternate. Dibimbing oleh Bapak Dr. Ridwan Jusuf, S.Pd., M.Pd dan Bapak Wawan Suprianto Nadra, S.Pd., M.Pd.

Tujuan penelitian ini adalah (1) untuk mengetahui kriteria valid pengembangan media pembelajaran siklus air berbasis android berbantuan *software smart apps creator* untuk siswa kelas V sekolah dasar (2) untuk mengetahui kriteria praktis pengembangan media pembelajaran siklus air berbasis android berbantuan *software smart apps creator* untuk siswa kelas V sekolah dasar. Penelitian ini menggunakan model pengembangan Borg dan Gall yang dimodifikasi oleh Sugiyono terdiri dari sepuluh langkah dan penelitian ini dibatasi pada langkah kelima yaitu potensi dan masalah, pengumpulan data, desain produk, validasi desain, dan revisi desain.

Hasil penelitian menunjukkan bahwa; Pengembangan media pembelajaran berbasis android berbantuan *software smart apps creator* mendapatkan nilai 81,66 % dari validator ahli media dan nilai 75 % diperoleh dari validator ahli materi, sehingga media dinyatakan memenuhi kriteria valid dan layak digunakan; Media pembelajaran siklus air berbasis android berbantuan *software smart apps creator* mendapatkan nilai 100 % dari angket kepraktisan media oleh guru, sehingga media dinyatakan memenuhi kriteria praktis dan layak untuk digunakan dalam proses pembelajaran. Dengan ini dapat disimpulkan bahwa pengembangan media pembelajaran berbasis android berbantuan *software smart apps creator* materi siklus air untuk siswa kelas V SD Pertiwi 2 Kota Ternate dapat dinyatakan sebagai media yang telah memenuhi kriteria valid dan praktis digunakan dalam proses pembelajaran oleh guru dan siswa.

Kata Kunci: Media Pembelajaran, *Smart Apps Creator*, Siklus Air

ABSTRACT

Anggarini Wawan, 2024. Development of Android-Based Learning Media Assisted by Smart Apps Creator Software Water Cycle Material for Class V Students of SD Pertiwi 2, Ternate City. Supervised by Dr. Ridwan Jusuf, S.Pd., M.Pd and Mr. Wawan Suprianto Nadra, S.Pd., M.Pd.

The aims of this research are (1) to determine the valid criteria for developing Android-based water cycle learning media assisted by smart apps creator software for fifth grade elementary school students (2) to determine the practical criteria for developing Android-based water cycle learning media assisted by Smart Apps Creator software for students. fifth grade elementary school. This research uses the Borg and Gall development model modified by Sugiyono consisting of ten steps and this research is limited to the fifth step, namely potential and problems, data collection, product design, design validation, and design revision.

The research results show that; The development of Android-based learning media assisted by smart apps creator software received a score of 81.66% from media expert validators and a score of 75% obtained from material expert validators, so that the media was declared to meet the valid criteria and was suitable for use; Android-based water cycle learning media assisted by smart apps creator software received a score of 100% from the teacher's media practicality questionnaire, so that the media was declared to meet practical criteria and was suitable for use in the learning process. With this, it can be concluded that the development of Android-based learning media assisted by smart apps creator software with water cycle material for class V students at SD Pertiwi 2 Ternate City can be declared as media that has met the valid criteria and is practical for use in the learning process by teachers and students.

Keywords: Learning Media, Smart Apps Creator, Water Cycle