

Ahmad Qadarisman. 2022. *Pengembangan Komik Sains Tema Produksi Garam Berbantuan Medibang Paint Pada Materi Kalor dan Perpindahannya*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing Irsad Rosidi, S.Pd., M.Pd.

ABSTRAK

Penelitian pengembangan ini bertujuan untuk mengetahui kelayakan, tingkat keterbacaan, dan respons siswa tentang media komik sains tema produksi garam berbantuan *medibang paint* pada materi kalor dan perpindahannya. Penelitian ini merupakan penelitian pengembangan dengan menggunakan model *ADDIE* yang mempunyai tahapan (*Analyze, Design, Develop, Implement, and Evaluate*). Sampel penelitian merupakan 25 siswa kelas VII-A SMPN 5 Sumenep. Teknik penentuan sampel menggunakan teknik *non probability sampling* tipe *purposive sampling*. Teknik pengumpulan data penelitian menggunakan angket. Hasil penelitian pengembangan komik sains yang dinilai oleh validator ahli media memperoleh nilai validitas media sebesar 83,75% dan nilai reliabilitas media sebesar 89,99%, berdasarkan hasil yang diperoleh komik sains sangat valid dan reliabel. Hasil penelitian pengembangan yang dinilai oleh validator ahli materi memperoleh nilai validitas sebesar 80,55% dan nilai reliabilitas materi sebesar 90,43%, berdasarkan hasil yang diperoleh materi yang digunakan dalam komik sains sangat valid dan reliabel. Hasil tingkat keterbacaan media memperoleh nilai sebesar 88,67%, dan respons siswa terhadap media sebesar 87%, berdasarkan hasil yang diperoleh komik sains mempunyai tingkat keterbacaan dan respons yang sangat tinggi oleh siswa.

Kata kunci: Komik Sains, *Medibang Paint*, Tema Produksi Garam.

Ahmad Qadarisman. 2022. Development of Science Comics The Theme of Salt Production Assisted by Medibang Paint on Heat Matter and Its Displacement. Thesis, Science Education Study Program, Faculty of Education, Trunojoyo Madura University. Supervisor Irsad Rosidi, S.Pd., M.Pd.

ABSTRACT

This development research aims to determine the feasibility, level of readability, and student responses about science comic media on the theme of producing salt assisted by medibang paint on heat material and its transfer. This research is a development research using the ADDIE model which has stages (Analyze, Design, Develop, Implement, and Evaluate). The research sample was 25 students of class VII-A of SMPN 5 Sumenep. The sample determination technique uses the technique non probability sampling type purposive sampling. Research data collection techniques use questionnaires. The results of the research on the development of science comics assessed by media expert validators obtained a media validity value of 83.75% and a media reliability value of 89.99%, based on the results obtained science comics are very valid and reliable. The results of the development research assessed by the material expert validator obtained a validity value of 80.55% and a material reliability value of 90.43%, based on the results obtained the material used in science comics is very valid and reliable. The results of the media readability rate obtained a score of 88.67%, and the student's response to the media was 87%, based on the results obtained by science comics had a readability rate and a very high response by students.

Keywords: Science Comics, Medibang Paint, Salt Production Theme.