

Siti Faustina. 2021. *Pengembangan E-comic Materi Sistem Pernapasan Manusia Berbantuan Pixton Terhadap Hasil Belajar Siswa*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Nur Qomaria, S.Pd., M.Pd.

ABSTRAK

Penelitian ini bertujuan untuk mengembangkan *e-comic* sebagai media pembelajaran pada materi sistem pernapasan manusia kelas VIII SMP/MTs dengan berbantuan *software pixton*. Desain pengembangan yang digunakan yaitu *ADDIE* (*Analysis, Design, Development, Implementation, dan Evaluation*). Subjek penelitian pada penelitian ini sebanyak 20 siswa. Instrument uji coba yang digunakan terdiri dari lembar validasi media, lembar validasi materi, angket keterbacaan siswa, angket respons siswa, dan tes hasil belajar siswa. Berdasarkan hasil penelitian dapat disimpulkan bahwa: (1) Rata-rata validitas ahli media sebesar 89,74% dengan kategori sangat valid dan reliabilitas 95,44% dengan kategori reliabel. Rata-rata validitas ahli materi sebesar 93,77% dengan kategori sangat valid dan nilai reliabilitas 94,29% dengan kategori reliabel. Dengan demikian, *e-comic* layak digunakan sebagai media pembelajaran. 2) Rata-rata persentase keterbacaan siswa terhadap media *e-comic* berbantuan *pixton* sebesar 83,5% dengan kategori sangat baik. (3) Rata-rata persentase respons siswa sebesar 83,14% dengan kategori sangat baik. (4) Rata-rata nilai hasil belajar siswa sebesar 70,12 dengan kriteria cukup atau tuntas dengan rata-rata persentase hasil belajar siswa yang tuntas sebesar 70% dan yang tidak tuntas sebesar 30%.

Kata Kunci: *e-comic*, hasil belajar siswa, *pixton*, sistem pernapasan manusia

Siti Faustina. 2021. *Development of Pixton-Assisted E-comic on Human Respiratory System Material on Student Learning Outcomes*. Research Paper, Science Education, Faculty of Education, University of Trunojoyo Madura. Advisor: Nur Qomaria, S.Pd., M. Pd

ABSTRACT

This study aims to develop e-comic as a learning media for the human respiratory system material for class VIII SMP/MTs with the help of pixton software. The development design was ADDIE (Analysis, Design, Development, Implementation, and Evaluation). The research subjects in this study were 20 students. The test instrument used consisted of media validation sheets, material validation sheets, student readability questionnaires, student response questionnaires, and student learning outcomes tests. Based on the results of the study, it can be concluded that: (1) The average validity of media experts is 89.74% with a very valid category and 95.44% reliability with a reliable category. The average validity of material experts is 93.77% in the very valid category and the reliability value is 94.29% in the reliable category. Thus, e-comic deserves to be used as a learning medium. (2) The average percentage of student readability of the pixton-assisted e-comic media is 83.5% in the very good category. (3) The average percentage of student responses is 83.14% with a very good category. (4) The average value of student learning outcomes is 70.12 with sufficient or complete criteria with an average percentage of student learning outcomes that are completed by 70% and those who are not completed by 30%.

Keywords: e-comic, human respiratory system, pixton, student learning outcomes