

Ista Qurotul Ain. 2024. *Pengembangan Media Interaktif Terintegrasi SETS untuk Meningkatkan Hasil Belajar Peserta Didik pada Materi Unsur, Senyawa, dan Campuran*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Maria Chandra Sutarja.

ABSTRAK

Tujuan penelitian ini adalah untuk mengetahui kevalidan media interaktif terintegrasi *SETS*, respons peserta didik terhadap media interaktif terintegrasi *SETS*, dan perbedaan serta peningkatan hasil belajar peserta didik sebelum dan sesudah pembelajaran menggunakan media interaktif terintegrasi *SETS*. Metode penelitian ini adalah penelitian dan pengembangan (R&D) dengan model pengembangan *ADDIE* (*Analyse, Design, Develop, Implementation, and Evaluate*). Desain penelitian berupa *pre-experimental design* dengan bentuk *one group pretest-posttest*. Populasi penelitian merupakan peserta didik kelas VIII UPT SMP Negeri 21 Gresik. Sampel penelitian sebanyak 29 peserta didik kelas VIII A UPT SMP Negeri 21 Gresik. Uji coba yang dilakukan berupa uji coba perorangan kepada dua peserta didik dan uji coba kelompok kecil kepada delapan peserta didik kelas VIII B UPT SMP Negeri 21 Gresik. Data dikumpulkan menggunakan lembar validasi media dan materi, soal tes hasil belajar, dan angket respons peserta didik. Hasil penelitian menunjukkan bahwa: (1) validitas media oleh ahli media dan ahli materi mendapat kategori sangat tinggi; (2) terdapat perbedaan hasil belajar peserta didik setelah pembelajaran menggunakan media interaktif dibuktikan dengan uji hipotesis yang menunjukkan nilai signifikansi $0.000 < 0.05$; (3) peningkatan hasil belajar peserta didik setelah pembelajaran menggunakan media interaktif terintegrasi *SETS* sebesar 0.60 yang artinya peningkatan hasil belajar berkategori sedang; dan (4) respons peserta didik terhadap media interaktif terintegrasi *SETS* adalah baik.

Kata kunci: hasil belajar, media interaktif, *SETS*

Ista Qurotul Ain. 2024. Development of SETS Integrated Interactive Media to Improve Student Learning Outcomes on Elemental, Compound and Mixture Material. Thesis, Natural Science Education Study Program, Faculty of Education, Trunojoyo Madura University. The advisor: Maria Chandra Sutarja.

ABSTRACT

This study aimed to determine the validity of SETS-integrated interactive media, students' responses to SETS-integrated interactive media, and differences and improvements in student learning outcomes before and after learning using SETS-integrated interactive media. This research method is research and development (R&D) with the ADDIE development model (Analyse, Design, Develop, Implementation, and Evaluate). The research design is a pre-experimental design in the form of one group pretest-posttest. The research population was students of class VIII UPT SMP Negeri 21 Gresik. The research sample was 29 students of class VIII A UPT SMP Negeri 21 Gresik. The trial was conducted in the form of individual trials for two students and small group trials for eight students of class VIII B UPT SMP Negeri 21 Gresik. Data were collected using media and material validation sheets, learning outcomes test questions, and student response questionnaires. The results showed that: (1) the validity of the media by media experts and material experts received a very high and reliable category; (2) there are differences in student learning outcomes after learning using interactive media as evidenced by hypothesis testing which shows a significance value of $0.000 < 0.05$; (3) the increase in student learning outcomes after learning using SETS-integrated interactive media is 0.60 which means that the increase in learning outcomes is moderate; and (4) student responses to SETS-integrated interactive media are good.

Keywords: *learning outcomes, interactive media, SETS*