

Tangguh Saputra. 120611100093. *Pengembangan Media Mock-Up Sifat-Sifat Air Pada Mata Pelajaran IPA Kelas IV SD Negeri Mlajah 2 Bangkalan*. Skripsi. Program Studi Pendidikan Guru Sekolah Dasar. Fakultas Ilmu Pendidikan. Universitas Trunojoyo Madura. Dosen Pembimbing I Mohammad Edy Nurtamam, S.Pd., M.Si., Pembimbing II Fachrur Rozie, S.Pd., M.Pd.

ABSTRAK

Media *mock-up* merupakan inovasi pengembangan yang dilakukan untuk membuat media agar dapat digunakan mempelajari materi sifat-sifat air. Media *mock-up* sifat-sifat air dikembangkan untuk memberikan gambaran nyata dan pengalaman langsung terhadap beberapa sifat-sifat yang dimiliki oleh air. Tujuan penelitian ini adalah mengembangkan media *mock-up* sifat-sifat air pada mata pelajaran IPA kelas IV SD Negeri Mlajah 2 Bangkalan dan mengembangkan instrumen pembelajaran yang sesuai dengan media *mock-up* sifat-sifat air pada mata pelajaran IPA kelas IV SD Negeri Mlajah 2 Bangkalan. Metode penelitian yang digunakan adalah penelitian dan pengembangan. Model pengembangan yang digunakan dalam penelitian dan pengembangan ini adalah model 4D yang terdiri dari 4 tahapan yaitu *define*, *design*, *devolepment*, dan *dessiminate*.

Media *mock-up* sifat-sifat air ini telah divalidasi oleh 2 ahli yaitu ahli materi dan ahli media. Terdapat uji coba yang dilakukan dalam penelitian ini, yaitu uji perorangan, uji kelompok kecil, dan uji kelompok besar. Berdasarkan hasil penelitian yang dilakukan, diperoleh hasil bahwa persentase kelayakan media *mock-up* sifat-sifat air menurut ahli media 95% (sangat layak) dan ahli materi 88,33% (sangat layak). Efektifitas media *mock-up* sifat-sifat air diukur dari segi proses pembelajaran menggunakan lembar observasi siswa dengan hasil persentase keseluruhan yang diperoleh pada uji perorangan 92,22% (sangat efektif), uji kelompok kecil 93,33% (sangat efektif), dan uji kelompok besar 88,88% (sangat efektif). Kemenarikan media *mock-up* sifat-sifat air diukur menggunakan angket siswa dengan hasil persentase keseluruhan yang diperoleh pada uji perorangan 89,16% (sangat menarik), uji kelompok kecil 93,75% (sangat menarik), dan kelompok besar 92,69 (sangat menarik).

Kata Kunci : *Media, Mock-Up, Sifat-Sifat Air, Model Pengembangan 4D*

Tangguh Saputra. 120611100093. *The Development of Mock-Up Media of Water Properties in Science Subjects of Fourth Grade of SD Negeri Mlajah 2 Bangkalan*. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, University of Trunojoyo Madura. Advisor I Mohammad Edy Nurtamam, S.Pd., M.Si., Advisor II Fachrur Rozie, S.Pd., M.Pd.

ABSTRACT

Mock-up media is a development innovation that done to create a media that can be used to learn water properties material. Mock-up media of water properties is developed to provide a real depiction and direct experience on some of the properties that owned by water. The objectives of this study are to develop the mock-up media of water properties in Science subjects of fourth grade of SD Negeri Mlajah 2 Bangkalan and to develop the learning instruments that appropriate with mock-up media of water properties in Science subjects of fourth grade of SD Negeri Mlajah 2 Bangkalan. The method that used is research and development. The development model that used in these research and development is 4D model that consists of 4 stages, namely define, design, development, and disseminate.

This mock-up media of water properties has been validated by 2 experts those are subject matter expert and media expert. There are some tests performed in this study such as individual test, small group test and large group test. Based on the results of the study, it is obtained that the percentage of feasibility of mock-up media of water properties according to media expert is 95% (very feasible) and subject matter expert is 88,33% (very feasible). The effectiveness of mock-up media of water properties measured in term of the learning process by using students' observation sheet with overall percentage that obtained in individual test is 92,22% (very effective), small group test is 93,33% (very effective), and large group test is 88,88% (very effective). The attractiveness of mock-up media of water properties measured by using students' questionnaire with overall percentage that obtained in individual test is 89,16% (very attractive), small group test is 92,81% (very attractive), and large group test is 92,69% (very attractive).

Keywords: *Media, Mock-Up, Water Properties, 4D Development Model*