

ABSTRAK

Ahmad Bahrudin, *Pengembangan Buku Saku Penanaman Pendidikan Mitigasi Bencana Berbasis Budaya Lokal bagi Siswa Sekolah Dasar Kelas Tinggi di Pesisir Pantai Pacitan*, Skripsi, Pacitan: STKIP PGRI Pacitan, 2021.

Penelitian ini bertujuan untuk mengetahui: (1) prosedur pengembangan buku saku penanaman pendidikan mitigasi bencana berbasis budaya lokal; (2) tingkat efektifitas pengembangan buku saku penanaman pendidikan mitigasi bencana.

Jenis penelitian ini *research and development* (R&D) dengan model pengembangan 4D S. Thiagarajan (1974). Langkah-langkah yang ditempuh meliputi (a) pendefinisian, (b) perancangan, (c) pengembangan dan, (d) penyebaran. Produk diujikan kepada 5 siswa kelas tinggi sekolah dasar. Kelayakan produk didasarkan pada hasil penilaian ahli materi, ahli media, dan respon siswa kelas V sekolah dasar sebagai subjek uji. Pengumpulan data menggunakan observasi, wawancara, angket, tes, dan dokumentasi. Analisis data menggunakan teknik tingkat kevalidan produk dan analisis data uji.

Hasil penelitian menunjukkan bahwa: (1) buku saku penanaman pendidikan mitigasi bencana berbasis budaya lokal dikembangkan dengan prosedur penerapan model 4D. (2) efektifitas media buku saku penanaman pendidikan mitigasi bencana berbasis budaya lokal dapat diketahui dari uji-t diperoleh nilai $t_{hitung} = 10,47 > t_{0,05:4} = 2,123$ jadi H_0 ditolak, artinya rata-rata nilai postes lebih besar dari pada rata-rata nilai pretes. Menggunakan $\alpha = 0,05$ dapat disimpulkan bahwa media buku saku penanaman pendidikan mitigasi bencana efektif dapat meningkatkan pengetahuan siswa.

Kata Kunci: buku saku, mitigasi bencana, budaya lokal, meningkatkan pengetahuan.

ABSTRACT

Ahmad Bahrudin, Development of A Pocket Book of Education-Based Disaster Mitigation on Local Culture for High Grade Student of Elementary School in The Pacitan Coast, Thesis, Pacitan: STKIP PGRI Pacitan 2021.

This research aimed to determine: (1) the procedure for developing a pocket book of disaster mitigation education based on local culture; (2) the level of effectiveness of developing pocket book of disaster mitigation education.

This type of this research is research and development (R&D) with the 4D development model of S. Thiagarajan (1974). The steps taken included (a) definition, (b) design, (c) development and, (d) deployment. The product was tested on 5 elementary school high grade students. The feasibility of the product was based on the results of the assessment of material experts, media experts, and the responses of fifth grade elementary school students as test subjects. Collecting data was done through observation, interviews, questionnaires, tests, and documentation. Data analysis used product validity level techniques and test data analysis.

The results showed that: (1) the pocket book for embedding local culture-based disaster mitigation education was developed with the 4D model application procedure. (2) the effectiveness of the pocket book media for embedding disaster mitigation education based on local culture can be seen from the t-test, the value of $t_{count} = 10.47 > t_{0.05:4} = 2.123$ so H_0 is rejected, meaning that the average posttest value was greater than the average the average pretest score. Using $\alpha=0.05$, it can be concluded that the pocket book media for embedding disaster mitigation education can effectively increase students' knowledge

Keywords: *pocket book, disaster mitigation, local culture, and increasing knowledge*