

Novi Prastiwi. 2017. *Pengembangan Majalah IPA Terpadu Tipe Webbed Berorientasi Science Environment Technology Society (SETS) Tema Banjir*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing I Yunin Hidayati, pembimbing II Ana Yuniasti Retno.

ABSTRAK

Penelitian dilakukan dengan mengembangkan suatu produk yaitu majalah IPA Terpadu tipe *webbed* berorientasi SETS (*Science Environment Technology Society*) tema banjir. Penelitian ini bertujuan untuk mengetahui kelayakan, respon siswa, dan keterbacaan majalah IPA Terpadu tipe *webbed* berorientasi SETS tema banjir. Model pengembangan yang digunakan adalah 4D *Define* (pendefinisian), *Design* (perancangan), *Develop* (pengembangan), *Disseminate* (penyebaran), tetapi pada penelitian hanya dibatasi sampai tahap *develop* (pengembangan) tanpa ada *disseminate* (penyebaran). Pengujian yang digunakan pada majalah IPA Terpadu adalah uji kelayakan, respon siswa, dan keterbacaan. Hasil rata-rata penilaian uji kelayakan pada aspek materi sebesar 74,74%, aspek media sebesar 84,49%, dan aspek bahasa sebesar 79,46%. Rata-rata gabungan dari ketiga aspek tersebut adalah 80,53%. Hasil rata-rata penilaian respon siswa sebesar 93,94%, dan keterbacaan sebesar 93,10%. Berdasarkan penilaian tersebut, majalah IPA Terpadu tipe *webbed* berorientasi SETS dinyatakan layak digunakan dalam kegiatan pembelajaran.

Kata kunci: banjir, majalah IPA terpadu, SETS, *webbed*.

Novi Prastiwi. 2017. *Developing of Integrated Science with Webbed Type Magazine Based of Science Environment Technology Society (SETS) with Flood Theme*. Thesis, Natural Science Education Program Study, Education Faculty, University of Trunojoyo Madura. Advisor I Yunin Hidayati, advisor II Ana Yuniasti Retno.

ABSTRACT

This research developed a product, which was integrated science magazine with webbed type used Science Environment Technology Society (SETS) as the orientation and flood as the theme. The aims of the research were to know the validity, students response, and the readable of the magazine. The develop model used 4D (Define Design Develop Disseminate) but in this study limited to develop without disseminate. Validity of integrated Science magazine, students response, and readable were already tested. The average result of validity in the material aspect 74,74%, media aspect 84,49%, and language aspect 79,46%. The average result of three aspect 80,53%. The average result for students response 93,94%, and the readable of the magazine 93,10%. To conclude, integrated Science magazine, which used webbed as the type and SETS as the orientation feasible to used in the learning activity.

Keywords: *flood, integrated science magazine, SETS, webbed.*