

ABSTRAK

PENGEMBANGAN MEDIA PEMBELAJARAN *POP-UP BOOK* DALAM MENDUKUNG PEMBELAJARAN SISTEM KOLOID

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Pembelajaran sistem koloid di kelas XI masih berpusat kepada guru, sehingga membuat peserta didik kurang aktif. Selain itu, materi sistem koloid bersifat abstrak dan memiliki istilah-istilah yang kurang familier dalam kehidupan sehari-hari. Hal ini menyebabkan peserta didik kurang berminat mempelajari sistem koloid. Oleh karena itu peneliti mengembangkan produk berupa *pop-up book* dalam mendukung pembelajaran sistem koloid dengan menggunakan model pengembangan Borg and Gall yang dimodifikasi menjadi 4 tahapan. Tahapan pengembangan pada *pop-up book* yaitu penelitian & pengumpulan informasi, perencanaan, pengembangan produk, dan uji coba lapangan awal. Validasi produk dilakukan oleh dua orang ahli mencakup validasi isi, penyajian, dan bahasa, serta instrumen penelitian berupa lembar validasi, lembar angket, dan butir soal. Produk telah memenuhi kriteria sangat valid dengan nilai rata-rata sebesar 90% dan sangat praktis dengan rata-rata nilai sebesar 93% berdasarkan penilaian guru, serta 88 % dengan kategori sangat praktis berdasarkan respon peserta didik. Produk memenuhi kriteria efektif dari uji coba produk dengan perolehan nilai rata-rata sebesar 83%. Oleh karena itu media *pop-up book* layak digunakan sebagai media pembelajaran pada materi sistem koloid.

Kata Kunci: Media pembelajaran, *Pop-up Book*, dan Sistem Koloid

ABSTRACT

DEVELOPMENT OF POP-UP BOOK LEARNING MEDIA IN SUPPORT OF COLLOIDAL SYSTEM LEARNING

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The learning system in Class XI is still centered on the teacher, thus making learners less active. In addition, the material of colloidal systems is abstract and has terms that are less familiar in everyday life. This causes students to be less interested in studying colloidal systems. Therefore, the researchers developed a pop-up book in support of learning colloidal systems using the Borg and Gall development model, modified into four stages. The stages of development in the pop-up book are research and information collection, planning, product development, and initial field trials. Product validation is carried out by two experts including validation of content, presentation and language, as well as research instruments in the form of questions and respondent questionnaires. The product has met the criteria of being very valid with an average value of 90%, very practical with an average value of 93% based on teacher assessment, and 88% with a very practical category based on the responses of students. The product meets the effective criteria of the product trial with an average score of 83%. Therefore, the pop-up book Media deserves to be used as a learning medium on colloidal system materials.

Keywords: colloid system, chemistry learning media, and pop-up book