

ABSTRAK

An-Nafi'ah, 'Aisyah Demokratia. 2024. *Pengembangan Media Pembelajaran Pop-Up Book Bermuatan NOS (Nature Of Science) pada Materi Struktur dan Fungsi Sel untuk Kelas XI SMA*. Skripsi. Tanjungpinang. Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan. Universitas Maritim Raja Ali Haji. Pembimbing I: Assoc. Dr. Dra. Hj. Nevrita, M.Pd., M.Si. Pembimbing II: Assist. Prof. Nur Eka Kusuma Hindrasti, S.Pd., M.Pd.

Kata kunci : *Pop-Up Book, Sel, Nature of Science.*

Penelitian ini bertujuan untuk menghasilkan *Pop-Up Book* Bermuatan NOS (*Nature Of Science*) pada Materi Struktur dan Fungsi Sel Kelas XI yang valid, praktis dan efektif. Penelitian ini merupakan penelitian pengembangan dengan model pengembangan ADDIE yang terdiri dari lima tahapan, yaitu: 1) *Analyze*, 2) *Design*, 3) *Development*, 4) *Implementation*, dan 5) *Evaluation*. Berdasarkan hasil yang diperoleh dari penelitian dan pengembangan *Pop-Up Book* materi struktur dan fungsi sel diperoleh hasil validasi materi dan media dengan kriteria “sangat valid”. Hasil penilaian praktikalitas media dengan kriteria “sangat praktis”. Sedangkan hasil penilaian efektivitas menggunakan rumus N-gain score diperoleh hasil dengan kriteria “sangat efektif”. Dengan demikian dapat disimpulkan bahwa *Pop-Up Book* Bermuatan NOS (*Nature Of Science*) pada Materi Struktur dan Fungsi Sel Kelas XI dinyatakan valid, praktis, dan efektif untuk digunakan dalam pembelajaran.

ABSTRACT

An-Nafi'ah, 'Aisyah Demokratia. 2024. *Development of Pop-Up Book Learning Media Containing NOS (Nature Of Science) on Cell Structure and Function Material for Class XI SMA*. Thesis. Tanjungpinang. Department of Biology Education, Faculty of Teacher Training and Education. Maritim Raja Ali Haji University. Advisor: Assoc. Dr. Dra. Hj. Nevrita, M.Pd., M.Si. Co-Advisor: Assist. Prof. Nur Eka Kusuma Hindrasti, S.Pd., M.Pd.

Keywords: Pop-Up Book, Cell, Nature of Science.

This research aimed to produce a Pop-Up Book containing NOS (Nature Of Science) on Class XI Cell Structure and Function material that is valid, practical and effective. This research was development research with the ADDIE development model which consists of five stages, namely: 1) Analyze, 2) Design, 3) Development, 4) Implementation, and 5) Evaluation. Based on the results obtained from the research and development of the Pop-Up Book material on cell structure and function, validation results for the material and media were obtained with the criteria "very valid". The results of the media practicality assessment with the criteria "very practical". Meanwhile, the results of the effectiveness assessment used the N-gain score formula obtained results with the criteria "very effective". Thus, it can be concluded that the Pop-Up Book containing NOS (Nature of Science) on Class XI Cell Structure and Function material was declared valid, practical and effective for use in learning.