

ABSTRAK

Harahap, Rukiah. 2022. *Pengembangan Media Pembelajaran Interaktif Berbasis POE (Predict, Observe, Explain) Pada Materi Hukum-Hukum Dasar Kimia*. Skripsi. Tanjungpinang: Program Studi Pendidikan Kimia, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing Skripsi: Pembimbing skripsi I: Assist. Prof. Dina Fitriyah, S.Pd., M.Si. Pembimbing skripsi II: Assist. Prof. Inelda Yulita, S.Pd., M.Pd.

Kata Kunci: *Media Pembelajaran Interaktif, Berbasis POE (Predict, Observe, Explain), Hukum-Hukum Dasar Kimia.*

Penelitian ini bertujuan untuk mengetahui validitas media pembelajaran interaktif berbasis POE serta untuk mengetahui praktikalitas media pembelajaran interaktif berbasis POE pada materi hukum-hukum dasar kimia. Penelitian ini merupakan jenis penelitian *Research and Development* dengan model 4D yang terdiri dari tahap pendefinisian, perancangan, pengembangan dan penyebaran. Namun, pada penelitian ini hanya dilakukan sampai tahapan pengembangan karena keterbatasan waktu dan kondisi pembelajaran yang dilakukan secara daring dan luring. Pengumpulan data dilakukan di MAN Tanjungpinang. Hasil validasi media dan materi media pembelajaran interaktif pada materi hukum-hukum dasar kimia diperoleh hasil 95% dan 78% dengan kategori “sangat valid” dan “valid”. Hasil praktikalitas media pembelajaran interaktif pada materi hukum-hukum dasar kimia terhadap guru dan peserta didik diperoleh 92% dan 83,35% dengan kategori “sangat praktis”. Berdasarkan hasil penelitian dapat disimpulkan bahwa media pembelajaran interaktif berbasis POE pada materi hukum-hukum dasar kimia yang dikembangkan layak digunakan pada saat pembelajaran.



ABSTRACT

Harahap, Rukiah. 2022. The Development of POE (*Predict, Observe Explain*) Based Interactive Learning Media on the Basic Legal Material of Chemistry. Thesis. Tanjungpinang: Chemistry Education Study Program, Faculty of Teacher Training and Education, University of Maritime Raja Ali Haji. Advisor: Assist. Prof. Dina Fitriyah, S.Pd., M.Si. Co-advisor: Assist. Prof. Inelda Yulita, S.Pd., M.Pd

Keyword: *Interactive learning media, Based on POE (Predict, Observe Explain), Basic Laws of Chemistry.*

This study aims to determine the validity of POE-based interactive learning media as well as to determine the practicality of POE-based interactive learning media on the material of the basic laws of chemistry. This study is Research and Development research with a 4D model consisting of the stages of definition, design, development and deployment. However, this research was only carried out until the development stage due to limited time and conditions of online and offline learning. Data collection was carried out at MAN Tanjungpinang. The results of media validation and interactive learning media materials on the basic laws of chemistry material obtained results of 95% and 78% with very “valid” and “valid categories”. The results of the practicality of interactive learning media on the basic laws of chemistry material for teachers and students obtained 92% and 83.35% with the categories “very practical”. Based on the results of the study, it can be concluded that the POE-based interactive learning media on the material of the basic laws of chemistry developed is suitable for use during learning.