

ABSTRAK

Rahmawati Hasanah, 2023. Pengembangan Media Pembelajaran *Game Spin Wheel* Berbasis *Scaffolding* Pada Materi Perubahan Entalpi. Skripsi, Program Studi Pendidikan Kimia, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I : Inelda Yulita, S.Pd., M.Pd. Pembimbing II : Ardi Widhia Sabekti, S.Pd., M.Pd

Kata Kunci : 1) Media Pembelajaran, 2) *Spin Wheel* , 3) *Scaffolding*

Penelitian ini bertujuan untuk mengembangkan media pembelajaran berupa *game spin wheel* berbasis *scaffolding* dalam materi pembelajaran perubahan entalpi yang valid dan praktis serta dapat digunakan pada proses pembelajaran. Metode pengembangan yang digunakan adalah *Research and Development* (R&D) dengan tahapan pengembangan yang melibatkan analisis kebutuhan, desain serta pengembangan dan implementasi. Penelitian ini dilakukan pada SMA Negeri 5 Tanjungpinang dengan subjek penelitian yang terdiri dari 1 validator ahli materi, 1 validator ahli media, serta subjek penelitian terhadap 27 peserta didik kelas XI MIPA dan 1 orang guru kimia. Hasil validasi materi pada pembelajaran *game spin wheel* berbasis *scaffolding* pada materi perubahan entalpi peroleh nilai 93,8% kategori sangat valid. Sedangkan hasil validasi materi peroleh nilai 80,83% kategori penilaian valid. Hasil praktikalitas guru pada pembelajaran *game spin wheel* berbasis *scaffolding* pada materi perubahan entalpi peroleh nilai 83,3% kategori penilaian praktis. Sementara hasil praktikalitas peserta didik peroleh 86,50% kategori penilaian sangat praktis.

ABSTRACT

Rahmawati Hasanah, 2023. Development of Scaffolding-Based Spin Wheel Game Learning Media on Enthalpy Change Material. Thesis, Chemistry Education Study Program, Faculty of Teacher Training and Education, University Of Maritime Raja Ali Haji Tanjungpinang. Advisor I: Inelda Yulita, S.Pd., M.Pd. Advisor II: Ardi Widhia Sabekti, S.Pd., M.Pd

Keywords: 1) Learning Media, 2) Spinning Wheel, 3) Scaffolding

The aim of this research is to develop a learning media in the form of a spin wheel game based on scaffolding in the subject of enthalpy change that is both valid and practical, and can be utilized in the learning process. The development method employed is Research and Development (R&D), involving stages such as needs analysis, design, development, and implementation. This study was conducted at SMA Negeri 5 Tanjungpinang, with research subjects comprising 1 expert material validator, 1 expert media validator, and 27 students from class XI MIPA, along with 1 chemistry teacher. The validation results for the material in the spin wheel game based on scaffolding for enthalpy change yielded a score of 93.8%, categorizing it as highly valid. Meanwhile, the validation results for the practicality of the material scored 80.83%, falling into the valid category. The practicality assessment by the teacher for the spin wheel game based on scaffolding in enthalpy change material obtained a score of 83.3%, indicating a practical evaluation. In terms of practicality, the students achieved a score of 86.50%, categorizing it as highly practical.