

## ABSTRAK

Saputri, Erika. 2024. *Pengembangan Media Pembelajaran Kartu Kwartet untuk Meningkatkan Motivasi dan Hasil Belajar Siswa Kelas X pada Materi Virus*. Skripsi. Tanjungpinang. Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan. Universitas Maritim Raja Ali Haji. Pembimbing I: Assist. Prof. Dios Sarkity, S.Pd., M.Pd. Pembimbing II: Assist. Prof. Nur Eka Kusuma Hindrasti, S.Pd., M.Pd.

**Kata Kunci : Kartu Kwartet, Motivasi Belajar, Virus**

Penelitian ini bertujuan untuk menghasilkan suatu produk berupa kartu kwartet pada materi virus kelas X SMA Tanjungpinang yang valid, praktis, dan efektif. Penelitian ini dilakukan di SMA Negeri 6 Tanjungpinang, Provinsi Kepulauan Riau tahun ajaran 2024/2025 di kelas X yang jumlahnya 31 orang. penelitian pengembangan dengan model 4D yang dilakukan dengan empat tahap yaitu: 1) *Define*, 2) *Design*, 3) *Develop*, 4) *Disseminate*. Teknik pengumpulan data dilakukan dengan melakukan wawancara, penyebaran instrumen angket dan soal. Berdasarkan hasil validasi yang dilakukan oleh kedua validator materi memperoleh persentase hasil sebesar 93,75% sangat valid, sedangkan validator media memperoleh persentase hasil sebesar 91,78% sangat valid, validator kepraktisan media kartu kwartet memperoleh persentase hasil sebesar 89,35% sangat praktis, dan hasil penelitian efektivita motivasi dan hasil belajar kategori sangat tinggi. Berdasarkan hasil penelitian dan pengembangan kartu kwartet dapat disimpulkan bahwa pengembangan media pembelajaran kartu kwartet untuk meningkatkan motivasi dan hasil belajar siswa kelas X pada materi virus dinyatakan sangat valid, sangat praktis dan efektif untuk digunakan dalam proses pembelajaran di sekolah.

## ABSTRACT

Saputri, Erika. 2024. *Development of Quartet Card Learning Media to Increase Motivation and Learning Outcomes for Class X Students on Virus Material*. Thesis. Tanjungpinang. Department of Biology Education, Faculty of Teacher Training and Education. Raja Ali Haji Maritime University. Advisor . Assist. Prof. Dios Sarkity, S.Pd., M.Pd. Co-Advisor. Assist. Prof. Nur Eka Kusuma Hindasrti, S.Pd., M.Pd.

### **Kata Kunci: Quartet Card, Learning Motivation, Virus**

This research was had been conducted aims to produce a product in the form of a quartet card on virus material for class X Tanjungpinang High School that is valid, practical and effective. This research conducted at SMA Negeri 6 Tanjungpinang, Riau Islands Province for the 2024/2025 academic year in class X, totaling 31 people. developed research with 4D models is carried out in four stages, namely: 1) Define, 2) Design, 3) Develop, 4) Disseminate. Data collection had been carried out by conducting interviews, distributing questionnaire instruments and questions. Based on the validation results carried out by the two material validators, the percentage of results had obtained was 93.75%, very valid, while the media validator obtained a percentage of results of 91.78%, very valid, the validity validator of the quartet card media obtained a percentage of results of 89.35% very practical, and The results of the assessment of the effectiveness of motivation and learning outcomes carried out using N-gain obtained a value of 0.8 with a very high category interpretation. Based on the results of research and development of quartet cards, it can be concluded that the developing of quartet card learning media to increase the motivation and learning outcomes of class.