ABSTRAK

PENGEMBANGAN MEDIA PEMBELAJARAN BERBASIS *CARRD.CO* PADA MATERI SISTEM KLASIFIKASI MAKHLUK HIDUP

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C*ritical thinking, Creativity, Collaboration, & Communication* (4C) merupakan keterampilan yang dibutuhkan oleh peserta didik agar siap menghadapi tantangan di kehidupan bermasyarakat atau dunia kerja. Oleh karena itu, penguatan keterampilan 4C dalam pembelajaran perlu untuk ditingkatkan. Akan tetapi, peneliti menemukan berbagai kendala pelaksanaan penguatan keterampilan 4C dalam pembelajaran saat melakukan wawancara analisis kebutuhan di sekolah. Hasil wawancara analisis kebutuhan menunjukkan bahwa penguatan keterampilan 4C dalam pembelajaran di sekolah sering terkendala oleh kertebatasan waktu, motivasi belajar, dan pemilihan metode serta media belajar yang kurang efektif. Platform *Carrd.co* memiliki fitur lengkap untuk penyediaan faktor pendukung dalam pelaksanaan pembelajaran yang efektif, efisien, dan menarik bagi peserta didik. Platform *Carrd.co* juga memiliki karakteristik yang sesuai untuk sarana pelaksanaan pembelajaran dengan cakupan 4C. Pendekatan belajar kontekstual pun dipilih untuk menunjang ketercapaian 4C dalam pelaksanaan pembelajaran berbasis platform *Carrd.co*. Kualitas media pembelajaran kontekstual berbasis *Carrd.co* dan proses pengembangannya diteliti dengan pelaksanaan R&D yang mengacu pada model ADDIE. Penelitian dilaksanakan hingga tahap pengembangan dan diuji kelayakannya melalui proses validasi. Hasil validasi yang diperoleh menunjukkan skor dengan kategori sangat baik sehingga diperoleh kesimpulan bahwa produk media belajar kontektual berbasis *Carrd.co* layak untuk ditindaklanjuti ke tahap implementasi.

Kata Kunci: Media belajar, platform *Carrd.co*, keterampilan 4C, pembelajaran kontekstual.

ABSTRACT

DEVELOPMENT OF CARRD.CO BASED LEARNING MEDIA ON BIOLOGICAL CLASSIFICATION SYSTEM

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Critical thinking, Creativity, Collaboration, & Communication (4C) are skills needed by students to be ready to face challenges in social life or the world of work. Therefore, strengthening 4C skills in learning needs to be improved. However, researchers found various obstacles to the implementation of strengthening 4C skills in learning when conducting needs analysis interviews in schools. The results of the needs analysis interview show that strengthening 4C skills in learning in schools is often constrained by time constraints, learning motivation, and the selection of less effective learning methods and media. The platform Carrd.co has full features for providing supporting factors in the implementation of effective, efficient, and interesting learning for students. The Carrd.co platform also has characteristics that are suitable for learning implementation facilities with 4C coverage. A contextual learning approach was chosen to support the achievement of the 4Cs in the implementation of Carrd.co platform-based learning. The quality of Carrd.co-based contextual learning media and the development process is examined by the implementation of R&D which refers to the ADDIE model. The research is carried out until the development stage and tested for feasibility through a validation process. The validation results obtained showed a score with a very good category so that it was concluded that Carrd.co-based contextual learning media products were worthy of being followed up to the implementation stage.
Keywords: *Learning media, Carrd.co platform, 4C skills, contextual learning*