

Dini Fatrisia Hasniati. 2023. *Pengembangan Media Kartu Kuartet Berbasis Mnemonic Method Pada Materi Lapisan Bumi dan Bencana Alam*. Skripsi, Program Studi Pendidikan IPA, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Ana Yuniasti Retno Wulandari.

ABSTRAK

Media pembelajaran menggunakan kartu kuartet berbasis *mnemonic method* penting dikembangkan untuk memudahkan siswa memahami, menentukan, dan menghafal. Tujuan penelitian ini adalah untuk mengetahui kelayakan dan respons siswa terhadap media kartu kuartet berbasis *mnemonic method* pada materi lapisan bumi dan bencana alam. Subjek penelitiannya adalah 10 siswa kelas VII A dan 20 siswa kelas VII B di MTsN 2 Lamongan. Model pengembangan ini menggunakan 4D (*Define, Design, Develop, dan Disseminate*) namun pada penelitian ini tanpa tahap *Disseminate*. Teknik pengumpulan data yang dilakukan berupa angket, dokumentasi, dan wawancara. Instrumen penelitian yang digunakan adalah lembar validasi media, lembar validasi materi, dan angket respons siswa. Teknik pengolahan dan analisis data yang digunakan adalah analisis data kevalidan media dan materi serta respons siswa. Berdasarkan penilaian dari validator tingkat kevalidan (1) media kartu kuartet berbasis *mnemonic method* pada penelitian ini diperoleh nilai rata-rata 0,923 kategori sangat valid dengan 92,18% kategori reliabel, adapun tingkat kevalidan materi pada penelitian ini diperoleh nilai rata-rata 0,833 kategori sangat valid dan 92,46% reliabel. (2) Hasil respons siswa nilai rata-rata pada kelompok kecil diperoleh 73.54% kategori valid dan kelompok besar diperoleh 78.82% kategori valid. Hal ini menunjukkan bahwa media kartu kuartet berbasis *mnemonic method* layak digunakan dalam pembelajaran materi lapisan bumi dan bencana alam.

Kata Kunci: Kartu kuartet, lapisan bumi dan bencana alam, *mnemonic method*

Dini Fatrisia Hasniati. 2023. *Development of Quartet Card Media Based on the Mnemonic Method on Earth Layers Material and Natural Disasters*. Thesis Natural Science Education Study Program, Faculty of Education, University of Trunojoyo Madura. Advisor, Ana Yuniasti Retno Wulandari.

ABSTRACT

Instructional media using quartet cards based on the important mnemonic method were developed to make it easier for students to understand, define, and memorize. The purpose of this study was to determine the feasibility and response of students to the quartet card media based on the mnemonic method on the material layers of the earth and natural disasters. The research subjects were 10 students of class VII A and 20 students of class VII B at MTsN 2 Lamongan. This development model uses 4D (Define, Design, Develop, and Disseminate) but in this study without the Disseminate stage. Data collection techniques carried out in the form of questionnaires, documentation, and interviews. The research instruments used were media validation sheets, material validation sheets, and student response questionnaires. The data processing and analysis techniques used were data analysis on the validity of the media and materials as well as student responses. Based on the validator's assessment of the validity level of the quartet card media based on the mnemonic method in this study, (1) the average value of 0.923 was obtained in the very valid category with 92.18% in the reliable category, while the level of material validity in this study obtained the average value of 0.833 in the very valid category and 92.46% reliable. (2) The results of student responses mean the small group obtained 73.54% valid category and the large group obtained 78.82% valid category. This shows that the quartet card media based on the mnemonic method is appropriate for use in learning the material of the layers of the earth and natural disasters.

Key Word: earth layers and cataclysms, mnemonic method, quartet cards