ABSTRAK

PENGEMBANGAN MODUL PEMBELAJARAN IPA MENGENAI SUMBER ENERGI UNTUK MENINGKATKAN KREATIVITAS BELAJAR SISWA KELAS IV DENGAN MODEL PROBLEM BASED LEARNING SECARA ONLINE

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Penelitian ini di latar belakangi oleh kurangnya kreativitas belajar IPA di masa pandemi siswa kelas IV SD Tarsisius Vireta. Tujuan dari pelitian ini yaitu (1) Mendeskripsikan prosedur pengembangan modul pembelajaran IPA mengenai sumber energi untuk mendorong kreativitas belajar siswa kelas IV dengan model problem based learning secara online, dan (2) Mendeskripsikan kualitas modul pembelajaran IPA mengenai sumber energi untuk mendorong kreativitas belajar siswa kelas IV dengan model problem based learning secara online.

Penelitian ini termasuk jenis penelitian pengembangan R&D. Subjek penelitian ini adalah siswa dan guru kelas IV di SD Tarsisius Vireta. Objek penelitian ini adalah modul pembelajaran IPA mengenai sumber energi untuk meningkatkan kreativitas belajar siswa Kelas IV dengan model problem based learning secara online. Pengumpulan data dalam penelitian ini menggunakan teknik observasi, wawancara, dan kuesioner.

Hasil penelitian ini menunjukan bahwa hasil rata-rata ketiga para ahli yaitu ahli media, ahli materi, maupun ahli pengguna. Perangkat modul memperoleh nilai rata-rata sebesar 2,17 dengan kategori "Sangat Layak" sehingga dapat disimpulkan pembelajaran ipa mengenai sumber energi sangat layak untuk digunakan di sekolah dasar.

Kata kunci: modul, sumber energi, pembelajaran IPA.

ABSTRACT

DEVELOPMENT OF SCIENCE LEARNING MODULE REGARDING ENERGY SOURCES TO INCREASE LEARNING CREATIVITY OF CLASS IV STUDENTS WITH THE PROBLEM BASED LEARNING MODEL ONLINE

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This research was motivated by the lack of creativity in learning science during the pandemic of fourth grade students at Tarsisius Vireta Elementary School. The objectives of this study are (1) to describe the procedure for developing a science learning module on energy sources to encourage fourth grade students' creative learning using an online problem-based learning model, and (2) to describe the quality of a science learning module regarding energy sources to encourage creativity in class students. IV with an online problem based learning model.

This research belongs to the type of R&D development research. The subjects of this study were fourth grade students and teachers at SD Tarsisius Vireta. The object of this research is the science learning module regarding energy sources to increase the creativity of class IV students learning with an online problem based learning model. Data collection in this study used observation, interviews, and questionnaires.

The results of this study indicate that the average results of the three experts are media experts, material experts, and user experts. The module device obtained an average score of 2.17 with the category "Very Eligible" so that it can be concluded that science learning about energy sources is very suitable for use in elementary schools.

Keywords: module, energy source, science learning.