

ABSTRAK

**PENGEMBANGAN MODUL AJAR IPA BERBASIS PROYEK
MATERI RANGKAIAN LISTRIK UNTUK PENGUATAN DIMENSI
KREATIF DAN BERGOTONG ROYONG KELAS VI**

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2024

Penelitian ini dilatarbelakangi oleh penguatan profil pelajar Pancasila dimensi kreatif dan bergotong royong, penerapan pembelajaran berbasis proyek yang masih belum maksimal, serta kurangnya referensi kegiatan pembelajaran yang lebih kreatif, inovatif, menarik, dan bermakna. Penelitian ini dilakukan dengan tujuan untuk (1) Mendeskripsikan prosedur Pengembangan Modul Ajar IPA Berbasis Proyek Materi Rangkaian Listrik untuk Penguatan Dimensi Kreatif dan Bergotong Royong Kelas VI, dan (2) Mengetahui kualitas Modul Ajar IPA Berbasis Proyek Materi Rangkaian Listrik untuk Penguatan Dimensi Kreatif dan Bergotong Royong Kelas VI.

Jenis penelitian ini adalah *Research and Development* (R&D) model ADDIE. Dengan objek penelitian modul ajar IPA berbasis proyek materi rangkaian listrik untuk penguatan profil pelajar Pancasila dimensi kreatif dan bergotong royong kelas VI SD. Sedangkan subjeknya 1 ahli pembelajaran SD, 1 ahli bahasa, 3 guru kelas VI SD, dan 27 peserta didik kelas VI SD. Metode pengumpulan datanya dengan wawancara, kuesioner, dan observasi. Serta mempergunakan instrumen berupa lembar wawancara, lembar validasi (kuesioner), dan lembar observasi.

Hasil dari penelitian ini berupa Modul Ajar IPA Berbasis Proyek Materi Rangkaian Listrik untuk Penguatan Dimensi Kreatif dan Bergotong Royong Kelas VI, yang memperoleh rerata skor validasi sebesar 3,94 dari total rerata skor 4 dengan kategori kualitas “Sangat Baik” dan rekomendasi “Tidak Perlu Revisi”. Setelah diimplementasikan, diperoleh selisih rerata data penguatan dimensi kreatif dan bergotong royong sebelum dan sesudah dilakukan implementasi masing-masing sebesar 2, dari yang sebelumnya masing-masing sebesar 2,8 dan 1,8, menjadi 4,8 dan 3,8. Dan terpenuhinya sebagian bahkan seluruh elemen dan sub elemen (indikator) dari dimensi kreatif dan bergotong royong tersebut.

Kata kunci: modul ajar berbasis proyek, IPA

ABSTRACT

DEVELOPMENT OF PROJECT-BASED IPA TEACHING MODULES ON ELECTRICAL CIRCUITS FOR STRENGTHENING THE CREATIVE AND MUTUAL COOPERATION DIMENSIONS OF GRADE VI

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This research is motivated by strengthening the profile of Pancasila students in the creative and mutual cooperation dimensions, the application of project-based learning that is still not maximized, and the lack of references to learning activities that are more creative, innovative, interesting, and meaningful. This study was conducted with the aim to (1) Describe the procedure for developing project-based science teaching modules on electrical circuit materials for strengthening the creative and mutual cooperation dimensions of grade VI, and (2) determine the quality of project-based science teaching modules on electrical circuit materials for strengthening the creative and mutual cooperation dimensions of grade VI.

This type of research is Research and Development (R&D) ADDIE model. With the object of research on project-based science teaching modules on electrical circuit material for strengthening the profile of Pancasila students in the creative and mutual cooperation dimensions of grade VI SD. While the subject is 1 elementary learning expert, 1 linguist, 3 grade VI elementary school teachers, and 27 grade VI elementary school students. The data collection method is by interview, questionnaire, and observation. As well as using instruments in the form of interview sheets, validation sheets (questionnaires), and observation sheets.

The results of this study are in the form of Project-Based Science Teaching Modules on Electrical Circuit Materials for Strengthening Creative Dimensions and Mutual Cooperation in Class VI, which obtained an average validation score of 3.94 out of a total average score of 4 with a quality category of "Very Good" and a recommendation "No Need for Revision". After implementation, the difference in the average data of strengthening the creative dimension and mutual cooperation before and after implementation was 2, from 2.8 and 1.8, respectively, to 4.8 and 3.8. And the fulfillment of some or even all elements and sub-elements (indicators) of the creative and mutual cooperation dimension.

Keywords: *project-based teaching module, science*