ABSTRAK

"PENGEMBANGAN PROTOTIPE BUKU PENERAPAN PENDEKATAN SAINTIFIK DALAM PEMBELAJARAN TEMATIK KELAS IV SD SEMESTER GENAP"

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Latar belakang penelitian ini berdasarkan hasil wawancara yang dilakukan kepada empat guru kelas atas, peneliti mendapatkan informasi bahwa guru mengalami kesulitan menerapkan pendekatan saintifik. Lembar kuisoner yang dibagikan kepada 8 guru kelas IV SD, memperoleh data bahwa guru membutuhkan contoh penerapan pendekatan saintifik. Oleh karena itu, peneliti terdorong untuk mengembangkan prototipe buku penerapan pendekatan saintifik dalam pembelajaran tematik kelas IV SD sekaligus untuk mengetahui kualitas dari buku prototipe tersebut.

Prosedur pengembangan menggunakan 6 langkah penelitian pengembangan (*R&D*) menurut Sugiono (2012), meliputi: 1) potensi dan masalah, 2) pengumpulan data, 3) desain produk, 4) validasi desain, 5) revisi desain, 6) uji coba produk. Tujuan penelitian ini adalah mengembangkan prototipe buku penerapan pendekatan saintifik dalam pembelajaran tematik dan mengetahui kualitas produk tersebut. Hasil validasi produk yang dilakukan oleh dua guru kelas IV memperoleh skor rata-rata "3,56"(rentang 1-4) dengan kategori "sangat baik", sehingga prototipe buku tersebut dapat diuji coba dengan revisi sesuai saran.

Uji coba produk dilakukan di SD Sumberwatu yang diikuti oleh 15 peserta didik.Peneliti mendapatkan hasil uji coba sebagai berikut: langkah mengamati mendapat skor 3,2 (sangat baik), langkahmenanya mendapat skor 1,86(sangat kurang), langkah mencoba mendapat skor 2,93(baik), langkah menalar mendapat skor 2,66(baik), dan langkah mengomunikasikan mendapat skor 3,46(sangat baik). Hasil tersebut menunjukkan bahwa langkah pendekatan saintifik yang paling rendah yaitu menanya. Jadi guru perlu untuk memfasilitasi peserta didik agar bisa bertanya menggunakan aspek 5W+1H. Tujuannya supaya rasa ingin tahu peserta didik (yang menjadi kekhasan dari pendekatan saintifik) dapat dilatih/ diasah.

Kata Kunci: pengembangan, prototipe, pendekatan saintifik, kelas IV.

ABSTRACT

DEVELOPING THE BOOK PROTOTYPE OF SCIENTIFIC APPROACH IN THEMATIC LEARNING FOURT GRADE ELEMENTARY SCHOOL EVEN SEMESTER

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The background of this study is based on the results of interviews conducted with upper class teachers, researchers get information about teachers which increases the difficulty of asking for scientific. The questionnaire which was distributed to 8 grade IV elementary school teachers, receiving data about the teacher requires an example of applying for scientific request. Therefore, researchers were encouraged to develop a scientific application book prototype in SD IV thematic learning at the same time to find out the quality of the prototype book.

The development procedure is used to conduct the research. There are 6 steps of development research (R & D) by Sugiono (2012) in conducting the research. Those are 1) potential and problem, 2) data collection, 3) product design, 4) design validation, 5) design revision, 6) product trial. The purpose of this research is to develop a prototype book of the application of scientific approach in thematic learning and to know the quality of the product. The product of validation results which are performed by two teachers of fourth grade, earned an average score of "3.56" (range 1-4) with "very good" category, so the prototype of the book can be tested with suggested revisions.

The product was tested at SD Sumberwatu which was attended by 15 students. The researcher got the result of the trial to follow: on the step of observing got a score of 3.20 "very good", the step of questioning got a score of 1.86 "very less", the step of trying a score of 2,96 "good", the step of reasoninggot got a score of 2,66 "good", and the step of communicating got a score of 3.46"very good". The results showed that the lowest score of scientific approach is the step of questioning. So, the teacher needs to facilitate students to be able to ask questions usung the 5W+1H aspects. The goal is that students curiosity (which is a characteristic of the scientific approach) can be trained/ honed.

Keywords: development, prototype, scientific approach, fourth grade.