

Wardatun Nafisah. 2023. *Pengembangan LKPD Project Based Learning untuk Melatih Keterampilan Proses Sains Tema 3 Subtema 1 Kelas V SDN Banyuajuh 05 Kabupaten Bangkalan*. Skripsi, Program Studi Pendidikan Guru Sekolah Dasar, Fakultas Ilmu Pendidikan, Universitas Trunojoyo Madura. Pembimbing: Bagus Rahmad Wijaya, S.Pd., M.Pd.

ABSTRAK

Penelitian dan pengembangan LKPD pembelajaran ini dilatarbelakangi oleh tidak adanya bahan ajar pendukung dan penerapan model dalam pembelajaran yang sesuai dengan karakteristik peserta didik, keterampilan proses sains tidak pernah dilatihkan. Penelitian ini merupakan penelitian R & D. Tujuan dari penelitian ini untuk mengetahui kevalidan, kepraktisan dan keefektifan LKPD Berbasis *Project Based Learning* untuk Melatihkan Keterampilan Proses Sains Tema 3 Subtema 1 Kelas V SDN Banyuajuh 05 Kabupaten Bangkalan. Model pengembangan yang digunakan dalam penelitian adalah model 4D. Tahapan yang ada dalam model 4D yaitu *define, design, development, disseminate*. Subjek yang digunakan dalam penelitian adalah 20 peserta didik kelas V SDN Banyuajuh 05. Berdasarkan hasil validasi ahli diperoleh hasil persentase antara lain (1) ahli materi 95,23%; (2) ahli desain pembelajaran 92%; dan (3) ahli bahan ajar 92%. Kepraktisan diperoleh dari hasil observasi guru dan peserta didik dari pembelajaran 1 sampai pembelajaran 6 pada uji coba kelompok besar. Hasil persentase observasi keterlaksanaan pembelajaran oleh guru diperoleh hasil 98,33%, hasil persentase pelaksanaan pembelajaran pada peserta didik mendapatkan 97,13%. Berdasarkan data tersebut diperoleh rata-rata persentase 97,73% dikategorikan sangat praktis. Keefektifan LKPD diperoleh dari hasil evaluasi peserta didik pada uji kelompok besar memperoleh hasil persentase 100% (kriteria dari hasil belajar peserta didik memperoleh hasil ketuntasan secara klasikal yaitu $\geq 85\%$ peserta didik mencapai nilai KKM). Berdasarkan hasil penelitian yang sudah dilakukan LKPD Berbasis *Project Based Learning* untuk Melatihkan Keterampilan Proses Sains Tema 3 Subtema 1 Kelas V SDN Banyuajuh 05 Kabupaten Bangkalan menunjukkan bahwa LKPD ini valid, praktis dan efektif untuk digunakan dalam proses pembelajaran.

Kata Kunci: LKPD, *Project Based Learning*, Keterampilan Proses Sains

Wardatun Nafisah. 2023. *Development of Project Based Learning LKPD to Train Science Process Skills Theme 3 Sub-theme 1 Class V SDN Banyuajuh 05, Bangkalan Regency*. Thesis, Elementary School Teacher Education Study Program, Faculty of Education, University of Trunojoyo Madura. Advisor: Bagus Rahmad Wijaya, S.Pd., M.Pd.

ABSTRACT

The research and development of this learning LKPD was motivated by the absence of supporting teaching materials and the application of models in learning that match the characteristics of students, science process skills have never been trained. This research is an R & D research. The purpose of this research is to determine the validity, practicality and effectiveness of Project Based Learning Worksheets to Train Science Process Skills Theme 3 Sub-theme 1 Class V SDN Banyuajuh 05 Bangkalan Regency. The development model used in this research is the 4D model. The stages in the 4D model are define, design, development, disseminate. The subjects used in the study were 20 fifth grade students at SDN Banyuajuh 05. Based on the expert validation results, the percentage results obtained included (1) material experts 95.23%; (2) learning design expert 92%; and (3) teaching materials experts 92%. Practicality is obtained from the results of observations of teachers and students from learning 1 to learning 6 in large group trials. The results of the percentage of observations of the implementation of learning by the teacher obtained results of 98.33%, the results of the percentage of implementation of learning in students obtained 97.13%. Based on these data, an average percentage of 97.73% is categorized as very practical. The effectiveness of LKPD was obtained from the results of the evaluation of students in the large group test obtaining a percentage of 100% (criteria of learning outcomes of students obtaining classical mastery results, namely $\geq 85\%$ of students achieving KKM scores). Based on the results of research that has been carried out by Project Based Learning LKPD to Train Science Process Skills Theme 3 Sub-theme 1 Class V SDN Banyuajuh 05 Bangkalan Regency shows that this LKPD is valid, practical and effective for use in the learning process.

Keywords: LKPD, Project Based Learning, Science Process Skills