**PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK BERBASIS PROBLEM BASED LEARNING PADA PEMBELAJARAN MATEMATIKA MATERI BANGUN DATAR**

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**ABSTRAK**

Penelitian ini bertujuan untuk menghasilkan LKPD berbasis *problem based learning* pada pembelajaran matematika materi bangun datar di kelas IV sekolah dasar. Penelitian ini merupakan penelitian pengembangan (Reasearch and Development) yang mengacu pada model pengembangan ADDIE yang terdiri dari 5 tahapan yaitu tahap analysis (analisis), design (desain), development (pengembangan), implementation (implementasi), dan evaluation (evaluasi). Subjek dalam penelitian ini adalah siswa kelas IV SD IT Royadhul Habibi. Instrumen penelitian yang digunakan dalam pengumpulan data yaitu wawancara dan angket kepada ahli materi dan ahli desain. Berdasarkan hasil penelitian, LKPD berbasis problem based learning yang dikembangkan telah divalidasi oleh validator ahli materi yaitu Ibu Ramadhani, S.Pd.I.,M.Pd yang memperoleh hasil presentase 91% dengan kriteria A dan klasifikasi Sangat Baik, sedangkan menurut validator ahli desain yaitu Ibu T.Henny Febriana Harumy, S.Kom.,M.Kom.,M.Si yang memperoleh hasil presentase 92% dengan kriteria A dan klasifikasi Sangat Baikdan penilaian dari respon guru mendapat presentase 90% dengan kriteria A dan klasifikasi. Berdasarkan hasil validasi oleh ahli materi dan juga ahli desain maka LKPD berbasis problem based learning layak digunakan dalam proses pembelajaran di kelas. Berdasarkan penjelasan diatas maka dapat disimpulkan bahwa LKPD berbasis problem based learning pada pembelajaran matematika materi bangun datar layak digunakan untuk pembelajaran siswa kelas IV Sekolah Dasar.

**Kata kunci**: LKPD, problem based learning, kelas IV sekolah dasar

***DEVELOPMENT OF PROBLEM-BASED LEARNING-BASED STUDENT WORKSHEETS ON MATHEMATICS LEARNING TWO DIMENSIONAL FIGURES MATERIALS***

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***ABSTRACT***

*The objective of this research was to produce LKPD based on problem-based learning in mathematics learning on 2D figures in grade IV elementary school. This research is development research (Reasearch and Development) which refers to the ADDIE development model which consists of 5 stages, namely the analysis, design, development, implementation, and evaluation stages. The subjects in this research were fourth grade students of SD IT Royadhul Habibi. The research instruments used in data collection were interviews and questionnaires to material experts and design experts. Based on the results of the research, the problem-based learning worksheet developed was validated by a material expert validator, namely Mrs. Ramadhani, S.Pd.I., M.Pd who obtained a percentage of 91% with criteria A and classification Very Good, while according to the design expert validator namely Mrs. T.Henny Febriana Harumy, S.Kom.,M.Kom.,M.Si who obtained a percentage of 92% with criteria A and classification Very Good and the assessment of the teacher's response received a percentage of 90% with criteria A and classification. Based on the results of validation by material experts and design experts, problem-based learning worksheets based on problem-based learning are suitable for use in the learning process in the classroom. Based on the explanation above, it can be concluded that problem-based learning worksheets based on learning mathematics in 2D figures material are suitable for learning for fourth grade elementary school students.*

***Keywords :*** *LKPD, problem-based learning, grade IV elementary school*