

## ABSTRAK

**Tiyas Amanda Saputri. 2022. Pengembangan Lembar Kerja Peserta Didik (LKPD) Dengan *Live Worksheets* Berbasis *Problem Based Learning* (PBL) Untuk Mengakomodasi Kemampuan Pemecahan Masalah Pada Materi Aritmetika Sosial Kelas VII B SMP PL Domenico Savio Semarang. Skripsi. Yogyakarta: Program Studi Pendidikan Matematika, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Sanata Dharma.**

Penelitian ini bertujuan untuk: (1) mengembangkan media pembelajaran Lembar Kerja Peserta Didik (LKPD) dengan *Live Worksheets* berbasis *Problem Based Learning* (PBL) untuk mengakomodasi kemampuan pemecahan masalah pada materi Aritmetika Sosial kelas VII B SMP PL Domenico Savio Semarang; (2) mengetahui kualitas produk pengembangan berdasarkan aspek kevalidan dan keefektifan untuk mengakomodasi kemampuan pemecahan masalah pada materi Aritmetika Sosial kelas VII B SMP Domenico Savio Semarang.

Jenis penelitian ini adalah *Research and Development* (R&D) yang menggunakan model pengembangan ADDIE (Analisis, Desain, Pengembangan, Implementasi, dan Evaluasi). Subjek penelitian adalah 32 peserta didik kelas VII B SMP PL Domenico Savio Semarang. Metode pengumpulan data yang digunakan yaitu lembar wawancara, lembar validasi produk dan instrumen penelitian, lembar observasi, tes kemampuan pemecahan masalah, dan angket respon peserta didik. Analisis data penelitian menggunakan analisis data kuantitatif.

Hasil penelitian menunjukkan bahwa: (1) produk yang dikembangkan berupa Rencana Pelaksanaan Pembelajaran (RPP) dan Lembar Kerja Peserta Didik (LKPD) dengan *Live Worksheets* berbasis *Problem Based Learning* (PBL) pada materi Aritmetika Sosial untuk mengakomodasi kemampuan pemecahan masalah peserta didik yang dihasilkan telah sesuai dengan model pengembangan ADDIE (*Analysis, Design, Development, Implementation, dan Evaluation*); (2) produk pengembangan telah memenuhi kriteria valid dengan rata-rata persentase yang didapatkan oleh Rencana Pelaksanaan Pembelajaran (RPP) sebesar 84%, Lembar Kerja Peserta Didik (LKPD) dengan *Live Worksheets* sebesar 85% (aspek media), dan 87% (aspek materi). Produk pengembangan juga telah memenuhi kriteria efektif dengan rata-rata persentase sebesar 87.5% peserta didik yang mendapatkan nilai diatas Kriteria Ketuntasan Minimum (KKM) dan hasil analisis angket respon peserta didik 88%.

**Kata Kunci** : Lembar Kerja Peserta Didik (LKPD) dengan *Live Worksheets*,  
Aritmetika Sosial, Kemampuan Pemecahan Masalah

**ABSTRACT**

**Tiyas Amanda Saputri. (2022). *Development of Student's Worksheet with Live Worksheets Based on Problem Based Learning (PBL) to Accommodate Problem Solving Ability on the Subject Matter Social Arithmetic of Class VII B PL Domenico Savio Semarang Junior High School. Essay. Yogyakarta: Mathematics Education Study Program, Faculty of Teacher Training And Education, Sanata Dharma University***

*This research aims to: (1) development student's worksheets learning media with Live Worksheets based Problem Based Learning (PBL) to accommodate problem solving ability in Social Arithmetic material for class VII B PL Domenico Savio Semarang Junior High School; and (2) to know the quality of development product based on aspects of validity and effectiveness to accommodate problem solving ability in Social Arithmetic material for class VII B PL Domenico Savio Semarang Junior High School.*

*Types of research is Research & Development (R&D) which uses ADDIE (Analysis, Design, Development Implementation, and Evaluation). The subjects of this research were 32 students of class VII B PL Domenico Savio Semarang Junior High School. The data collection method used are interview sheets, product validation sheets and research instrument, problem solving test, observation sheets, and student's response questionnaire. The data analyzed used in this research is quantitative.*

*The result showed: (1) the products developed are implementation lesson plan and student's worksheets with Live Worksheets based Problem Based Learning (PBL) to accommodate student's problem solving ability on Social Arithmetic subject matter in accordance with ADDIE (Analysis, Design, Development, Implementation, and Evaluation) development model; (2) the products developed has met the very valid criteria with average percentage of implementation lesson plan are 84%, student's worksheets with Live Worksheets are 85% (media aspect) and 87% (content aspect). The products development has also met the effective criteria with average percentage are 87.5% students who get a score above the KKM and the result of the analysis of student's response questionnaire are 88%.*

**Keywords** : *Student's Worksheets with Live Worksheets, Social Arithmetic Problem Solving Ability*