

## ABSTRAK

**Surita, I Wayan** (2022), Pengembangan Lembar Kerja Peserta Didik untuk Mendukung Implementasi Model *Problem Based Learning* Bermuatan Kearifan Lokal Guna Meningkatkan Kemampuan Pemecahan Masalah. Tesis, Program Studi S2 Pendidikan IPA, Program Pascasarjana Universitas Pendidikan Ganesha.

Tesis ini sudah disetujui dan diperiksa oleh Pembimbing I: Dr. Drs. I Wayan Suja, M.Si. dan Pembimbing II: Dr. A.A.Istri Agung Rai Sudiatmika, M.Pd.

*Kata-kata kunci:* LKPD, model PBL, kearifan lokal, kemampuan pemecahan masalah.

Penelitian ini bertujuan menghasilkan LKPD untuk mendukung implementasi model PBL bermuatan kearifan lokal yang valid, praktis, dan efektif untuk meningkatkan kemampuan pemecahan masalah siswa SMP. Jenis penelitian ini adalah penelitian pengembangan (*Research and Development*) dengan menggunakan model pengembangan ADDIE oleh Dick dan Carey, meliputi 1) analisis (*analyze*), 2) perancangan (*design*), 3) pengembangan (*development*), 4) implementasi (*implementation*), dan 5) evaluasi (*evaluate*). Pengumpulan data dilakukan dengan teknik pemberian angket validasi, angket kepraktisan, dan tes uraian kemampuan pemecahan masalah. Rancangan penelitian untuk uji keefektifan menggunakan *One Group Pretest-Posttest Design*. Hasil uji validitas menunjukkan LKPD yang dihasilkan tergolong sangat valid ditinjau dari validitas isi, kegrafikaan, dan bahasa. Berdasarkan penilaian guru dan siswa, LKPD tersebut tergolong sangat praktis. Hasil uji keefektifan menunjukkan LKPD tersebut dapat meningkatkan kemampuan siswa dalam memecahkan masalah. Dengan demikian, LKPD yang dihasilkan memiliki karakteristik sesuai dengan model PBL bermuatan kearifan lokal, serta tergolong valid, praktis, dan efektif untuk meningkatkan kemampuan pemecahan masalah siswa.

## ABSTRACT

**Surita, I Wayan** (2022), Development of Student Worksheets to Support the Implementation of Problem Based Learning Models which Containing Local Wisdom to Improve Problem Solving Abilities. Thesis, Masters Program in Education, Postgraduate Program, Ganesha University of Education

This thesis has been approved and examined by Supervisor I: Dr. I Wayan Suja, M.Si. and Supervisor II: Dr. A.A.Istri Agung Rai Sudiatmika, M.Pd.

*Keywords:* student worksheets, problem-based learning, lokal wisdom, problem solving.

This study aims to produce student worksheets to support the implementation of the PBL model that containing local wisdom which valid, practical, and effective to improve the problem solving abilities of junior high school students. This type of research was research and development using the ADDIE development model by Dick and Carey, including 1) analysis, 2) design, 3) development, 4) implementation, and 5) evaluation. The data collection has been carried out by giving validation questionnaires, practicality questionnaires, and test descriptions of problem solving abilities. The research design for the effectiveness test has used the One Group Pretest-Posttest Design. The results of the validity test show that the student worksheets produced are classified as very valid in terms of content validity, graphics, and language. Based on the assessment of teachers and students, the student worksheets are classified as very practical. The results of the effectiveness test show that the student worksheets can improve students' abilities to solve problems. Thus, the resulting student worksheets have characteristics according to the PBL model which containing local wisdom, and it are valid, practical, and effective for improving students' problem solving abilities.