

**PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK (LKPD) BERORIENTASI
KETERAMPILAN PEMECAHAN MASALAH PADA MATERI TRIGONOMETRI
UNTUK SISWA SMA KELAS X**

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ABSTRAK

Studi ini dilaksanakan dengan tujuan pengembangan lembar kerja peserta didik (LKPD) berorientasi keterampilan pemecahan masalah untuk pokok bahasan trigonometri bagi siswa kelas X serta mengetahui tingkat validitas dan kepraktisan dari LKPD yang dikembangkan. Penelitian yang dilakukan merupakan penelitian pengembangan dengan model ADDIE (*analyze, design, development, implementation, evaluation*). Uji coba terbatas dilakukan di sebuah SMA Negeri 1 Blahbatuh dengan subjek uji coba adalah siswa kelas X MIPA 1. Instrumen yang digunakan adalah lembar validasi ahli, angket respon siswa dan angket respon guru. Hasil uji validitas dari ahli materi memperoleh rata-rata skor 4,44 dengan kriteria sangat valid. Hasil uji validitas dari ahli media memperoleh rata-rata skor 4,65 dengan kriteria sangat valid pula. Penelitian ini dilakukan dimasa pandemi. Siswa bergabung di google classroom kemudian siswa diminta mengerjakan LKPD yang telah dibagikan. Hasil implementasi pada siswa mendapatkan nilai rerata 4,26 yang terkategori kepraktisan yang baik, sementara hasil respon guru ditemukan bernilai rerata 4,62 yang bermakna kepraktisan sangat baik. Dapat disimpulkan yakni LKPD berorientasi keterampilan pemecahan masalah dinyatakan layak dan mendapat respon yang baik sehingga dapat diterapkan pada situasi proses belajar mengajar yang sesungguhnya.

Kata kunci: LKPD, trigonometri, ADDIE, berorientasi keterampilan pemecahan masalah

Abstract

This study aims to develop students' worksheets oriented to problem solving skill on trigonometry subject for the tenthgrade students and to determine the level of validity and practicality of the developed worksheets. The problemsolving skilloriented student worksheets is the title of the students' worsheet developed. This study is a development research using ADDIE model (*analyze, design, development, implementation, and evaluation*). A limited trial was conducted at a public high school in one of the sub-districts in gianyar in which the test subjects were the tenthgrade students of MIPA 1. The instruments used were expert validation sheets, student response questionnaires, and educator response questionnaires. The results of the validity test from material experts obtained an average score of 4.44 with very valid criteria. The results of the validity test from media experts obtained an average score of 4.65 with very

valid criteria. This research was conducted during a pandemic. Students join google classroom and then students are asked to work on the worksheets that have been distributed. The results of the implementation of the students obtained an average score of 4.26 with good practicality criteria, while the results of the teachers' responses obtained an average score of 4.62 with very good practicality criteria. Therefore, it can be concluded that students' worksheet oriented to problem solving skill are declared feasible to be done and also get good responses, so that they can be applied in learning mathematics on trigonometry subject for tenth grade students.

Keywords: students' worksheet, trigonometry, ADDIE, problem solving skill oriented

