

ABSTRAK

Ayu Setiyowati. *Pengembangan Desain Bahan Ajar Bermuatan 6C Pada Materi Trigonometri Kelas X SMKN 2 Pacitan.* Skripsi. Pacitan: STKIP PGRI Pacitan, 2023.

Upaya peningkatan mutu dan kualitas pendidikan di Indonesia, Menteri Pendidikan dan Kebudayaan (Mendikbud), Nadiem Makarim, mencanangkan Program Merdeka Belajar Kurikulum Merdeka. Dalam Kurikulum Merdeka ini, peserta didik diharapkan mampu menguasai 6 kemampuan belajar yang disebut kemampuan belajar abad ke-21 yaitu *character, citizenship, critical thinking, creativity, collaboration, dan communication*. Penelitian ini bertujuan untuk: (1) mengembangkan LKPD yang bermuatan 6C, (2) mengetahui kelayakan produk, (3) mengetahui kualitas LKPD yang telah dikembangkan.

Penelitian ini merupakan penelitian pengembangan dengan model 4-D (*Define, Design, Develop, Disseminate*). Instrumen yang digunakan dalam penelitian ini adalah Lembar Kerja Peserta Didik (LKPD) dengan lembar validasi ahli dan angket respon peserta didik. Validasi ahli terdiri dari validasi ahli materi, validasi ahli desain, dan validasi ahli bahasa dengan validator sebanyak 3 orang yaitu 1 guru Matematika, 1 dosen Pendidikan Informatika, dan 1 dosen Pendidikan Bahasa dan Sastra Indonesia. Validasi ini dilakukan untuk mengetahui kelayakan dan kualitas LKPD yang sedang dikembangkan menggunakan penilaian setiap aspek yang telah ditentukan. Penelitian ini dilakukan di SMKN 2 Pacitan dengan subjek penelitian siswa kelas X BD 1 sebanyak 18 peserta didik untuk kelas uji coba terbatas dan kelas X BD 2 sebanyak 28 peserta didik untuk kelas uji coba lapangan operasional. Teknik analisis data yang digunakan adalah analisis deskriptif data kualitatif dan kuantitatif.

Hasil validasi ahli materi pada aspek materi mempunyai skor persentase 96%, aspek soal/masalah mempunyai skor persentase 80%, dan aspek *layout* mempunyai skor persentase 80%. Hasil validasi media pada aspek tampilan mempunyai skor persentase 95% dan pada aspek grafis mempunyai skor persentase 73%. Hasil validasi ahli bahasa pada aspek isi mempunyai skor persentase 100% dan pada aspek kebahasaan mempunyai skor persentase 92%. Hasil uji coba lapangan terbatas pada aspek kelayakan isi mempunyai skor persentase 75%, aspek penyajian mempunyai skor

persentase 76%, aspek kebahasaan mempunyai skor persentase 79%. Hasil uji coba lapangan operasional pada aspek kelayakan isi mempunyai skor persentase 81%, aspek penyajian mempunyai skor persentase 84% , aspek kebahasaan mempunyai skor persentase 84%.

Berdasarkan hasil validasi ahli dan uji coba pengembangan, hasil penelitian ini menunjukkan bahwa: (1) LKPD yang dikembangkan bermuatan 6C, (2) produk yang dihasilkan dinyatakan layak digunakan, (3) LKPD yang dikembangkan mempunyai kualitas baik dan dapat digunakan dalam proses pembelajaran.

Kata kunci: Pengembangan, Model 4D, Bahan Ajar, LKPD



ABSTRACT

Ayu Setiyowati. Development Of Teaching Material Design With 6C Content For Class X SMKN 2 Pacitan. Thesis. Pacitan: STKIP PGRI Pacitan, 2023.

To improve education quality in Indonesia, the Minister of Education and Culture (Mendikbud), Nadiem Makarim, launched the Independent Curriculum Learning Program. In the Independent Curriculum, students are expected to be able to master six learning skills called 21st-century learning abilities, namely character, citizenship, critical thinking, creativity, collaboration, and communication. This study aims to: (1) develop LKPD containing 6C, (2) determine the feasibility of the product, and (3) determine the quality of the LKPD that has been developed.

This study is development research with a 4-D model (Define, Design, Develop, and Disseminate). The instruments used in this study were Student Worksheets (LKPD) with expert validation sheets and student response questionnaires. Expert validation consists of material expert validation, design expert validation, and linguist validation with three validators, namely 1 Mathematics teacher, 1 Informatics Education lecturer, and 1 Indonesian Language and Literature Education lecturer. This validation is carried out to determine the feasibility and quality of the LKPD being developed using an assessment of each predetermined aspect. This research was conducted at SMKN 2 Pacitan with research subjects in class X BD 1, with as many as 18 students for the limited trial class, and class X BD 2, as many as 28 students for the operational field trial class. The data analysis technique used is the descriptive analysis of qualitative and quantitative data.

Material expert validation results on material aspects have a percentage score of 96%, question/problem aspects have a percentage score of 80%, and layout aspects have a percentage score of 80%. The results of media validation on the display aspect have a percentage score of 95%, and on the graphical element have a percentage score of 73%. The results of the validation of linguists on the content aspect have a percentage score of 100%, and on the linguistic part have a percentage score of 92%. The results of field trials are limited to the feasibility aspect of the content having a percentage score of 75%, the presentation aspect having a percentage score of 76%;

and the linguistic element having a percentage score of 79%. The results of operational field trials on the content feasibility aspect have a percentage score of 81%; the presentation aspect has a percentage score of 84%; the linguistic part has a percentage score of 84%.

Based on the results of expert validation and development trials, the results of this study indicate that: (1) the developed LKPD contains 6C, (2) the resulting product is declared fit for use, (3) the developed LKPD has good quality and can be used in the learning process.

Keywords: Development, 4D Models, Teaching Materials, LKPD

