

## ABSTRAK

**MASLINA SINAGA.** Pengembangan LKPD Berbasis Pbl Penerapan HOTS Mata Pelajaran IPS Pada Siswa Kelas VIII SMPN 1 Sei Suka, Batubara. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan, Nopember 2022.

Tujuan penelitian ini adalah menilai kelayakan dan keefektifan Lembar Kerja Peserta Didik (LKPD) berbasis Problem Based Learning (PBL) penerapan Higher Order Thinking Skill (HOTS). Metode penelitian ini adalah penelitian dan pengembangan. Produk akhir yang akan di evaluasi berdasarkan aspek kualitas produk LKPD Berbasis PBL penerapan HOTS. Dengan demikian, yang menjadi produk penelitian ini adalah sebuah LKPD yang layak dan efektif. Produk akhir akan dievaluasi uji kelayakan dan efektivitasnya. Penelitian ini dilaksanakan kelas VIII SMPN 1 Sei Suka, Batubara, pada semester genap 2021/2022. Model pengembangan yang menjadi acuan dalam penelitian ini adalah model pengembangan ADDIE. Hasil penelitian menunjukkan bahwa: (1) LKPD IPS berbasis PBL penerapan HOTS sangat layak dan dapat digunakan sebagai sumber belajar pada pembelajaran IPS yang ditentukan oleh validasi para ahli di bidangnya, yaitu validasi ahli materi pembelajaran IPS, validasi ahli desain pembelajaran, dan validasi ahli desain grafis dan juga oleh penilaian guru bidang studi. Berdasarkan uji coba perorangan, uji coba kelompok kecil dan uji coba lapangan/utama menyatakan sangat layak produk LKPD yang dikembangkan, dan menambah peningkatan hasil belajar siswa, penguatan HOTS dan meningkatkan kemampuan berpikir kritis; dan (2) LKPD IPS berbasis PBL penerapan HOTS sangat efektif. Hal ini terbukti bahwa penilaian terhadap respon siswa juga menunjukkan sangat baik. Serta dalam uji efektifitas produk memenuhi kriteria efektif digunakan yang ditunjukkan hasil pengujian efektivitas produk menggunakan uji t pada uji beda t test independent. Hal yang sama juga di tunjukkan pada nilai rata-rata perolehan hasil belajar IPS siswa kelas eksperimen yang dibelajarkan dengan menggunakan LKPD IPS berbasis PBL penerapan HOTS lebih baik bila dibandingkan dengan nilai rata-rata siswa kelas kontrol yang tanpa menggunakan LKPD IPS berbasis PBL penerapan HOTS.

**Kata Kunci:** lembar kerja peserta didik, problem based learning, higher order thinking skill, ilmu pengetahuan sosial

## ABSTRACT

**MASLINA SINAGA.** Development of PBL-Based LKPD Application of HOTS Social Studies Subjects in Grade VIII Students of SMPN 1 Sei Suka, Batubara. Thesis. Medan: Postgraduate Program, Universitas Negeri Medan, November 2022.

The purpose of this study was to assess the feasibility and effectiveness of Student Worksheets (LKPD) based on Problem Based Learning (PBL) application of the Higher Order Thinking Skill (HOTS). This research method is research and development. The final product will be evaluated based on the product quality aspects of the HOTS-Based PBL LKPD application. Thus, the product of this research is a proper and effective LKPD. The final product will be evaluated for feasibility and effectiveness tests. This research was conducted in class VIII of SMPN 1 Sei Suka, Batubara, in the even semester of 2021/2022. The development model that is used as a reference in this study is the ADDIE development model. The results showed that: (1) PBL-based LKPD IPS applying HOTS is very feasible and can be used as a learning resource in social studies learning which is determined by the validation of experts in their fields, namely social studies learning material expert validation, learning design expert validation, and design expert validation graphics and also by the assessment of the subject teacher. Based on individual trials, small group trials and field/main trials stated that the LKPD products developed were highly feasible, and increased student learning outcomes, strengthened HOTS and increased critical thinking skills; and (2) PBL-based IPS LKPD implementing HOTS is very effective. It is proven that the assessment of student responses is also very good. As well as in product effectiveness testing that meets the criteria for effective use, it is shown by the results of testing product effectiveness using the t test on the different test independent t test. The same thing was also shown in the average score of IPS learning outcomes for experimental class students who were taught using the HOTS-based PBL-based IPS LKPD which was better when compared to the average score of control class students who did not use the HOTS-based PBL-based IPS LKPD.

**Keywords:** student worksheets, problem based learning, higher order thinking skills, social science