

**PENGEMBANGAN LEMBAR KERJA PESERTA DIDIK (LKPD)
BERBASIS *HIGHER ORDER THINKING SKILL* (HOTS) UNTUK
MENINGKATKAN KEMAMPUAN PEMECAHAN MASALAH IPA
KELAS V SD NEGERI 1 BANJAR ANYAR**

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ABSTRAK

Penelitian pengembangan yang dilakukan memiliki tujuan melakukan pengembangan produk LKPD berbasis HOTS guna meningkatkan kemampuan pemecahan masalah IPA kelas V yang valid, efektif serta praktis. Kajian ini mempergunakan pemodelan ADDIE dengan lima tahap yakni *analyze, design, development, implementation, serta evaluation*. Subjek kajian ini yaitu produk berupa LKPD berbasis HOTS dengan objek berupa validitas, kepraktisan, dan efektivitas produk LKPD berbasis HOTS. Subjek uji coba efektivitasnya 25 peserta didik kelas V serta kemampuan pemecahan masalah yang dijadikan objek uji coba. Guna mengestimasi validitas dipergunakan instrumen *rating scale* dalam bentuk lembar penilaian validitas yang dilaksanakan oleh ahli media dan ahli media pembelajaran. Lembar penilaian kepraktisan dilaksanakan oleh dua guru, tiga orang uji perorangan serta sembilan siswa uji kelompok kecil. Data validitas serta kepraktisan produk kemudian dianalisa mempergunakan persentase, efektivitas menggunakan analisis uji-t berkorelasi. Hasil penelitian menyatakan LKPD berbasis HOTS yang sudah dilakukan pengembangan mendapat skor validitas ahli materi senilai 92,38% serta skor validitas ahli media pembelajaran senilai 94,50%. Skor kepraktisan respons guru senilai 97,49%, skor respons siswa uji perorangan senilai 96,36%, skor respons siswa uji kelompok kecil senilai 95,75% sehingga dinyatakan valid dan praktis berkualifikasi sangat baik. Uji efektivitas mempergunakan metode uji-t memperoleh nilai *Sig* 0,000 lebih kecil dari 0,05. Sehingga LKPD berbasis HOTS efektif dalam meningkatkan kemampuan pemecahan masalah IPA di SD Negeri 1 Banjar Anyar.

Kata-kata kunci: pengembangan, lembar kerja peserta didik, *higher order thinking skill*, kemampuan pemecahan masalah.

**DEVELOPMENT OF LEARNER WORKSHEETS (LKPD) BASED ON
HIGHER ORDER THINKING SKILLS (HOTS) TO IMPROVE THE
PROBLEM-SOLVING ABILITY OF IPA CLASS V SD NEGERI 1 BANJAR
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ABSTRACT

The development research conducted aims to develop HOTS-based LKPD products to improve valid, effective and practical fifth grade science problem solving skills. This study uses ADDIE modeling with five stages namely analyze, design, development, implementation, and evaluation. The subject of this study is a product in the form of HOTS-based LKPD with objects in the form of validity, practicality, and effectiveness of HOTS-based LKPD products. The subject of the effectiveness test was 25 fifth grade students and their problem-solving ability was the object of the test. To estimate the validity, a rating scale instrument was used in the form of a validity assessment sheet conducted by media experts and learning media experts. The practicality assessment sheet was carried out by two teachers, three individual testers and nine small group test students. Data on the validity and practicality of the product were then analyzed using percentages, effectiveness using correlated t-test analysis. The results of the study stated that the HOTS-based LKPD that had been developed received a material expert validity score of 92.38% and a learning media expert validity score of 94.50%. The teacher response practicality score is 97.49%, the individual test student response score is 96.36%, the small group test student response score is 95.75% so that it is declared valid and practical with very good quality. The effectiveness test using the t-test method obtained a Sig value of 0.000 smaller than 0.05. So that HOTS-based LKPD is effective in improving science problem solving skills at SD Negeri 1 Banjar Anyar.

Keywords: *Development, Student Worksheet, Higher Order Thinking Skill, Problem Solving Ability*