

ABSTRAK

Nurlita Abas, 2024. Pengembangan Lembar Kerja Peserta Didik(LKPD) Berbasis Model Inquiri Terbimbing Pada Materi Perpindahan Kalor Dibimbing oleh **Ibu Sumarni Sahjat, S.Pd.,M.Pd.,Si** Selaku Pembimbing I dan **Bapak Dr. Saprudin, S.Pd., M.Pd** Selaku Pembimbing II

Tujuan penelitian ini untuk menghasilkan Lembar Kerja Peserta Didik (LKPD) berbasis model inquiri terbimbing pada materi perpindahan kalor yang valid dan praktis, menguji kelayakan Lembar Kerja Peserta Didik (LKPD) menurut ahli, memahami materi yang terdapat di dalam Lembar Kerja Peserta Didik (LKPD) tersebut. Penelitian ini dilaksanakan di SMA Swasta Tododara Maitara. Metode yang digunakan dalam penelitian inii adalah ADDIE. ADDIE yaitu Analisis, Desain Pengembangan, Implementasi, dan Evaluasi. Teknik pengumpulan data yang digunakan adalah lembar validasi Lembar Kerja Peserta Didik (LKPD) pada aspek bahasa, materi dan media.. Lembar validasi diisi oleh *Expert Judgment* (Ahli) yang bertujuan untuk memberikan penilaian terhadap desain Lembar Kerja Peserta Didik (LKPD).

Hasil dari penelitian ini menunjukkan bahwa Lembar Kerja Peserta Didik (LKPD) Berbasis Model Inquiri Terbimbing Pada Materi Perpindahan Kalor memenuhi kriteria kelayakan sebagai salah satu sumber belajar yang baik. Hal ini sesuai dengan penilaian dari tiga ahli yakni ahli bahasa, ahli materi dan ahli media. Persentasi rata-rata untuk ahli materi pada aspek kesuaian uraian materi 75% termasuk dalam kategori layak, aspek keakuratan materi 83% kategori sangat layak, aspek pendukung materi pembelajaran 82% kategori sangat layak, aspek kemutahiran materi 79% kategori layak, aspek teknik penyajian 88% kategori sangat layak, aspek pendukung penyajian 96% kategori sangat layak, aspek kelengkapan penyajian 86% kategori sangat layak. Persentasi rata-rata untuk ahli bahasa pada aspek keefektifan kalimat bahasa Indonesia 83% kategori sangat layak, aspek bahasa Indonesia yang baik dan benar 79% kategori layak, aspek keterbacaan pesan dalam bahasa Indonesia 75% kategori layak, aspek kesesuaian dengan perkembangan intelektual peserta didik 83% sangat layak, dan aspek kesesuaian dengan tingkat perkembangan sosial emosional peserta didik 75% kategori layak. Persentasi rata-rata untuk media pada aspek ukuran 88% kategori sangat layak, aspek desain halaman muka 79% kategori layak, dan aspek desain isi 85% kategori sangat layak.

Dengan demikian Lembar Kerja Peserta Didik (LKPD) Berbasis Model Inquiri Terbimbing Pada Materi Perpindahan Kalor layak digunakan dalam proses pembelajaran pada siswa kelas XI SMA Swasta Tododara Maitara.

Kata Kunci: LKPD, Model inquiri terbimbing, Perpindahan kalor

ABSTRACT

Nurlita Abas, 2024. Development of Student Worksheets (LKPD) Based on the Guided Inquiry Model on Heat Transfer Material Supervised by Mrs. Sumarni Sahjat, S.Pd., M.Pd., SiAs Supervisor I and Mr. Dr. Saprudin, S.Pd., M.Pd as Supervisor II

The aim of this research is to produce a Student Worksheet (LKPD) based on a guided inquiry model on heat transfer material that is valid and practical, to test the feasibility of the Student Worksheet (LKPD) according to experts, to understand the material contained in the Student Worksheet (LKPD). This research was carried out at Tododara Maitara Private High School. The method used in this research is ADDIE. ADDIE is Analysis, Development Design, Implementation and Evaluation. The data collection technique used is the Student Worksheet (LKPD) validation sheet on language, material and media aspects. The validation sheet is filled in by an Expert Judgment (Expert) whose aim is to provide an assessment of the design of the Student Worksheet (LKPD).

The results of this research indicate that the Student Worksheet (LKPD) Based on the Guided Inquiry Model on Heat Transfer Material meets the eligibility criteria as a good learning resource. This is in accordance with the assessment of three experts, namely language experts, material experts and media experts. The average percentage for material experts in the aspect of suitability of material descriptions is 75% included in the appropriate category, the accuracy aspect of material is 83% in the very appropriate category, the supporting aspect of learning material is 82% in the very appropriate category, the aspect of material sophistication is 79% in the appropriate category, the presentation technique aspect is 88 % very appropriate category, supporting aspects of presentation 96% in very appropriate category, aspects of completeness of presentation 86% in very appropriate category. The average percentage for linguists in the effectiveness aspect of Indonesian sentences is 83% in the very appropriate category, in the aspect of good and correct Indonesian 79% in the appropriate category, in the legibility aspect of messages in Indonesian 75% in the appropriate category, in the aspect of conformity with the intellectual development of students 83 % very feasible, and the aspect of suitability with the level of social emotional development of students is 75% in the appropriate category. The average percentage for media in the size aspect is 88% in the very feasible category, in the front page design aspect 79% in the appropriate category, and in the content design aspect 85% in the very feasible category.

Thus, the Student Worksheet (LKPD) Based on the Guided Inquiry Model on Heat Transfer Material is suitable for use in the learning process for class XI students at Tododara Maitara Private High School.

Keywords: LKPD, guided inquiry model, heat transfer