

ABSTRAK

Miratun Nisa : Pengembangan Lembar Kerja Peserta Didik (LKPD) Interaktif Berbasis *Scaffolding* Pada Materi Sistem Ekskresi Manusia

Tujuan penelitian ini untuk mendeskripsikan pengembangan dan analisis kelayakan LKPD interaktif. Metode penelitian yang digunakan yaitu model pengembangan 4-D yang dibatasi hingga 3-D dengan tahapan *define*, *design*, dan *develop*. Penelitian ini dilakukan di SMAN 1 Sliyeg. Subjek penelitian terdiri dari validator ahli, materi, guru mata pelajaran biologi dan 26 peserta didik kelas XI MIPA 3. Hasil penelitian ini menunjukkan adanya perbaikan terhadap LKPD interaktif. Hasil rata-rata kelayakan sebesar 89 % dengan kategori sangat valid, hasil rata-rata uji keterbacaan siswa sebesar 3,4 dengan kategori sangat baik. Kesimpulan dari penelitian ini yaitu LKPD interaktif berbasis *scaffolding* mengalami perbaikan dari para ahli, bersifat sangat valid dan sangat baik.

Kata kunci : Lembar Kerja Peserta Didik (LKPD) interaktif, *Scaffolding*, Sistem Ekskresi Manusia



ABSTRACT

Miratun Nisa : Development of Scaffolding Based Interactive Student Worksheets on The Material of The Human Excretory System

The purpose of this study is to describe the development and feasibility analysis of interactive LKPD. The research method used is a 4-D development model which is limited to 3-D with the Define, Design and Develop stages. This research was conducted at SMAN 1 Sliyeg. The research subjects consisted of expert validators, materials, biology subject teachers and 26 students of class XI MIPA 3. The results of this study showed an improvement in the interactive worksheets. The average result of eligibility is 89% with a very valid category, the average result of the student readability test is 3.4 with a very good category. The conclusion of this study is that scaffolding-based interactive worksheets have been improved by experts, are very valid and very good.

Keywords: Interactive Student Worksheet (LKPD), *Scaffolding*, Human Excretion System

