

ABSTRAK

Natalia Sihombing, NIM 4181141019 (2018). Pengembangan LKPD Berbasis Pendekatan Saintifik pada Materi Animalia Kelas X IPA di SMA Yayasan Perguruan Utama Medan T.P 2021/2022.

Penelitian ini bertujuan untuk merancang dan menghasilkan Lembar Kerja Peserta Didik (LKPD) berbasis Pendekatan Saintifik pada materi animalia kelas X IPA di SMA Yayasan Perguruan Utama Medan. Desain penelitian yang digunakan adalah jenis penelitian dan pengembangan. Perancangan LKPD Berbasis Pendekatan Saintifik dilakukan menggunakan model pengembangan 4-D yaitu *Define, Design, Development, dan Dessiminate*. Hasil penelitian menunjukkan bahwa penilaian ahli pembelajaran terhadap LKPD berbasis pendekatan saintifik yang dikembangkan memperoleh kriteria “sangat layak” dengan persentase 97,7%, penilaian ahli materi memperoleh kriteria “sangat layak” dengan persentase 85,71 % dan penilaian oleh ahli design memperoleh kriteria “sangat layak” dengan persentase 97,9%. Hasil penilaian guru bidang studi terhadap LKPD memperoleh kriteria “sangat layak” dengan persentase 96,87% dan penilaian oleh peserta didik memperoleh kriteria “positif” dengan skor sebesar dengan persentase 95,96%. Uji efektivitas penggunaan LKPD berbasis pendekatan saintifik yang dikembangkan dinyatakan efektif dengan nilai *N-Gain* sebesar 0,64 dengan kriteria “sedang”. Hasil penelitian menunjukkan bahwa LKPD pada materi animalia dapat digunakan dalam proses pembelajaran.

Kata Kunci: Lembar Kerja Peserta Didik, Pendekatan Saintifik, Materi Animalia



ABSTRACT

Natalia Sihombing, NIM 4181141019 (2018). Development of LKPD Based on Scientific Approach on Animalia Class X Science Material at SMA Yayasan Perguruan Utama Medan T.P 2021/2022.

This study aims to design and produce Student Worksheets (LKPD) based on the Scientific Approach on animalia material for class X IPA at SMA Yayasan Pendidikan Utama Medan. The research design used is the type of research and development. LKPD Design Based on Scientific Approach is done by using a 4-D development model, namely Define, Design, Development, and Dessiminate. The results showed that learning experts on LKPD based on a scientific approach developed "very feasible" criteria with a percentage of 97.7%, material experts obtained "very feasible" criteria with a proportion of 85.71% and assessment by design experts obtained very feasible criteria" with the proportion of 97.9%. The results of the assessment of the field of study on the LKPD obtained the "very feasible" criteria with a proportion of 96.87% and the assessment by students obtained the "positive" criteria with a percentage of 95.96%. The test of the effectiveness of using LKPD based on the scientific approach that was developed was declared effective with an N-Gain value of 0.64 with the criteria of "medium". The results showed that the LKPD on animalia material could be used in the learning process.

Keywords: Student Worksheet, Scientific Approach, Animalia Material

